

**Kent State
University**

**Undergraduate Student Handbook for the
Department of Psychological Sciences**

2023-2024 Academic Year

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Welcome to the Department of Psychological Sciences!

Psychology is a science devoted to the study of how people and animals think, feel and behave. Psychologists consider how both biological processes and environmental influences can account for behavior. The field of psychology integrates research and practice. That is, in addition to trying to explain behavior, psychologists are interested in applying the results of research to solve real world problems.

The Department of Psychological Sciences at Kent State University offers unique programs that prepares undergraduates for both professional and research-oriented paths. We offer two degree programs: a Bachelor of Arts (B.A.) degree in Psychology and a Bachelor of Science (B.S.) degree in Psychology. Students in both degree programs are expected to master the following 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.

Description of the Bachelor of Arts Degree

Students in the Bachelor of Arts in Psychology apply the science of understanding and explaining thoughts, emotions and behavior to solving real-world problems. Topics include stress, biological influences on behavior, growth and development of children and diagnosis and treatment of psychological disorders. Elective courses may be used to specialize in a number of areas of psychology and to gain hands-on experience in research labs. The degree prepares students for graduate school and employment in a range of fields, including clinical, applied and experimental areas of psychology and related fields such as education, law, human resources and health care.

The Psychology B.A. degree includes the following optional concentrations:

- The **Child Psychology** concentration is designed for students who are interested specifically in children and adolescents. Topics include child development, psychological disorders of childhood and adolescence, children's cognitive processes, personality development and child-related research experience. The concentration prepares students for graduate study and employment in a range of fields, including clinical psychology, school psychology, school counseling and employment in settings such as child development centers and related agencies.

- The **Counseling Careers** concentration is designed to prepare students for employment in a range of fields and for master's-level study in all fields of counseling. Topics include human adjustment, stress and coping, human development, personality, psychological disorders, treatment and intervention techniques, psychometrics, psychopharmacology and clinical or counseling-related research experience.

Students interested in other career paths within psychology may pursue the major without a concentration.

Description of the Bachelor of Science Degree

The Bachelor of Science degree 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 B.S. degree includes the following optional 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-Podiatry** concentration prepares students to take the Medical College Admission Test (MCAT) and have the required prerequisites necessary for applying to medical school.

Students may declare the program with no concentration and develop a plan of study to meet their career path within psychology.

Bachelor of Arts or Bachelor of Sciences: Which Degree Program Should I Choose?

The BA path allows students more flexibility and many options post-graduation. Students can easily pick up a minor or double-major if they want to. Coursework for the B.A. allows for more room for customization to a student's interests. In contrast, the B.S. path is designed for students interested in careers in research or medicine. There is more required coursework covering advanced math and natural sciences.

B.A. and B.S. FAQ

Who is the B.A. path recommended for?

The B.A. degree is recommended for most students interested in majoring in psychology. It is suitable for most career paths in psychology with the exception of psychiatry as well as for those interested in pursuing careers outside of psychology such as human resources, hospitality, law, etc.

Who is the B.S. path recommended for?

The B.S. degree is designed for students interested in careers in research or medicine. This does not mean you have to get a BS in psychology to go into research, a B.A. is perfectly suitable to that path as well. However, in the case of medicine, the B.S. path is designed to meet the requirements to apply to medical school and prepare for the MCAT whereas the B.A. is not. The B.S. degree is also suitable for students who are passionate about topics like mathematics (more math classes are required for the B.S.), biology, chemistry, and the more neuroscience-oriented side of psychology (courses in biology, chemistry, and anthropology can fulfill certain major requirements).

If I want to get a Ph.D. in psychology, do I need a B.S.?

No, a B.A. will still prepare students for graduate school though it is recommended that they take more research-oriented electives beyond the requirements of the degree such as Quantitative Methods in Psychology II, Advanced Research Methods, as well as getting involved in for-credit research assistantships. Students interested in graduate school are encouraged to meet with academic and/or faculty advisors to discuss how best to prepare.

Do I need a B.S. to become a therapist or clinical/counseling psychologist?

Definitely not. The B.S. program is designed for students with a specific interest in research or medicine. It's right for students who want to apply to medical school or who are passionate about math and sciences. Students can become a therapist, clinical/counseling psychologist, or psychological researcher with either the BA or the BS degree however most students do the B.A. option.

I want to go to med school and become a psychiatrist, which degree should I get?

A B.S. degree with the pre-medicine/pre-podiatry concentration is recommended for students interested in medical school. The degree requirements meet those necessary for preparing for the MCAT and applying to medical school. Students considering a medical career are highly encouraged to meet with either the department's pre-med advisor, Dr. Jill Folk (jfolk@kent.edu) or pre-health programs advisor, Erin Lawson (elawson1@kent.edu).

Degree Requirements for a B.A. in Psychology (fall 2023 catalog)

The requirements for a Bachelor of Arts degree in Psychology include completing 34-36 credits in the major, as well as fulfilling Kent Core Requirements and College and University Requirements. Students can choose an optional concentration in Child Psychology or Counseling Careers. Below are the requirements for a B.A. degree in Psychology.

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements (courses count in major GPA)		
<u>PSYC 11762</u>	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
<u>PSYC 21621</u>	QUANTITATIVE METHODS IN PSYCHOLOGY I ¹	3
<u>PSYC 31574</u>	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
Group I (Behavioral Neuroscience/Learning)		
<u>PSYC 41043</u> or <u>PSYC 41363</u>	BASIC LEARNING PROCESSES BIOPSYCHOLOGY	3
Group II (Cognition)		
<u>PSYC 31141</u> or <u>PSYC 40445</u> or <u>PSYC 40446</u>	PERCEPTION COGNITIVE PSYCHOLOGY COGNITIVE NEUROSCIENCE	3
Group III (Social/Personality)		
<u>PSYC 31282</u> or <u>PSYC 31532</u>	PERSONALITY SOCIAL PSYCHOLOGY	3
Group IV (Application of Psychological Science) ²		
<u>PSYC 41573</u> or <u>PSYC 41574</u> or <u>PSYC 41901</u> or <u>PSYC 41980</u>	LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: SOCIAL/CLINICAL (WIC) ³ LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: COGNITIVE/LEARNING (WIC) WRITING IN PSYCHOLOGY (WIC) RESEARCH WRITING IN PSYCHOLOGY (WIC)	1-3

Additional Requirements (courses do not count in major GPA)

<u>UC 10001</u>	FLASHES 101	1
Foreign Language (see Foreign Language College Requirement below)		14-16
<u>Kent Core Composition</u>		6
<u>Kent Core Mathematics and Critical Reasoning</u>		3
<u>Kent Core Humanities and Fine Arts (minimum one course from each)</u>		9
<u>Kent Core Social Sciences (must be from two disciplines)</u>		3
<u>Kent Core Basic Sciences (must include one laboratory)</u>		6-7

Code	Title	Credit Hours
	<u>Kent Core Additional</u>	3
	General Electives (total credit hours depends on earning 120 credits hour, including 39 upper-division credit hours)	38
	Additional Requirements or Concentrations	
	Choose from the following:	18
	<u>Additional Requirements for Students Not Declaring a Concentration</u>	
	<u>Child Psychology Concentration</u>	
	<u>Counseling Careers Concentration</u>	
	Minimum Total Credit Hours:	120

¹ Students in a double major with either Sociology or Criminology and Justice Studies may substitute [SOC 32220](#) and [SOC 32221](#) for [PSYC 21621](#).

² On the Kent Campus, students take [PSYC 41980](#), which has a pre/corequisite of [PSYC 31574](#). Students who take [PSYC 41901](#) (offered on the regional campuses only) must take an upper-division course in psychology as a corequisite. That course cannot be any of the following: [PSYC 31498](#), [PSYC 41498](#), [PSYC 41573](#) or [PSYC 41993](#).

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

Additional Requirements for Students Not Declaring a Concentration

Code	Title	Credit Hours
	Major Requirements (courses count in major GPA)	
	Group V (Developmental)	
<u>PSYC 20651</u>	CHILD PSYCHOLOGY (DIVD) (KSS)	3
or <u>PSYC 30651</u>	ADOLESCENT PSYCHOLOGY	
or <u>PSYC 30656</u>	PSYCHOLOGY OF AGING	
	Group VI (Clinical/Counseling)	
<u>PSYC 21211</u>	PSYCHOLOGY OF EVERYDAY LIFE (DIVD) (KSS)	3
or <u>PSYC 40111</u>	PSYCHOPATHOLOGY	
	Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ¹	9
	Additional Requirements (courses do not count in major GPA)	
	<u>Kent Core Additional</u>	3
	Minimum Total Credit Hours:	18

¹ Maximum 6 credit hours of [PSYC 31498](#), [PSYC 41492](#) and [PSYC 41498](#) combined may be applied toward major requirements in psychology.

B.A. Child Psychology Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements (courses count in major GPA)		
PSYC 20651	CHILD PSYCHOLOGY (DIVD) (KSS)	3
Group VI (Clinical/Counseling)		
PSYC 21211	PSYCHOLOGY OF EVERYDAY LIFE (DIVD) (KSS)	3
or PSYC 40111	PSYCHOPATHOLOGY	
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 ¹	
Minimum Total Credit Hours:		18

¹ Maximum 9 credit hours of [PSYC 41395](#) may be applied toward concentration requirements.

B.A. Counseling Careers Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements (courses count in major GPA)		
PSYC 21211	PSYCHOLOGY OF EVERYDAY LIFE (DIVD) (KSS)	3
PSYC 40111	PSYCHOPATHOLOGY	3
PSYC 40231	PSYCHOLOGICAL ASSESSMENT	3
PSYC 40383	INTRODUCTION TO CLINICAL PSYCHOLOGY	3
Group V (Developmental)		
PSYC 20651	CHILD PSYCHOLOGY (DIVD) (KSS)	3
or PSYC 30651	ADOLESCENT PSYCHOLOGY	
or PSYC 30656	PSYCHOLOGY OF AGING	
Concentration Elective, choose from the following:		3
PSYC 30111	FORENSIC PSYCHOLOGY	
PSYC 30651	ADOLESCENT PSYCHOLOGY	
PSYC 30655	CHILDREN'S THINKING	
PSYC 40112	PSYCHOLOGICAL DISORDERS OF CHILDHOOD AND ADOLESCENCE	
PSYC 40382	PEDIATRIC PSYCHOLOGY	
PSYC 41364	DRUGS AND BEHAVIOR	
PSYC 41581	HEALTH PSYCHOLOGY	
PSYC 41595	SPECIAL TOPICS IN COUNSELING CAREERS	
Minimum Total Credit Hours:		18

Additional Graduation Requirements for the B.A. Degree

Minimum Major GPA

2.000

Minimum Overall GPA

2.000

Foreign Language College Requirement, B.A.

Students pursuing the Bachelor of Arts degree in the College of Arts and Sciences must complete 14-16 credit hours of foreign language.¹

To complete the requirement, students need the equivalent of Elementary I and II in any language, plus one of the following options²:

1. Intermediate I and II of the same language
2. Elementary I and II of a second language
3. Any combination of two courses from the following list:
 - Intermediate I of the same language
 - [ARAB 21401](#)
 - [ASL 19401](#)
 - [CHIN 25421](#)
 - [MCLS 10001](#)
 - [MCLS 20001](#)
 - [MCLS 20091](#)
 - [MCLS 21417](#)
 - [MCLS 21420](#)
 - [MCLS 22217](#)
 - [MCLS 28403](#)
 - [MCLS 28404](#)

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 start 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 Elementary I through Intermediate II level; (2) receiving credit through one of the [alternative credit](#) programs offered by Kent State University; or (3) demonstrating [language proficiency](#) comparable to Elementary II of a foreign language. When students complete the requirement with fewer than 14 credit hours and four courses, they will complete remaining credit hours with general electives.

²

Certain majors, concentrations and minors may require specific languages, limit the languages from which a student may choose or require coursework through Intermediate II. Students who plan to pursue graduate study may need particular language coursework.

Please see Appendix A for GPS Roadmaps for the degree. Descriptions of Psychology courses can be found in Appendix B.

Degree Requirements for a B.S. Degree in Psychology (fall 2023 catalog)

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 31282 or PSYC 31532	PERSONALITY SOCIAL PSYCHOLOGY	3
PSYC 31574	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
PSYC 31684	QUANTITATIVE METHODS IN PSYCHOLOGY II	3
PSYC 40111	PSYCHOPATHOLOGY	3
PSYC 41363	BIOPSYCHOLOGY	3
Additional Requirements (courses do not count in major GPA)		
UC 10001	FLASHES 101	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 credits hour, including 39 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-Podiatry 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)		
Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ¹		12
ANTH, BSCI and PSYC Electives, choose from the following:		6
<u>ANTH 48623</u>	HUMAN VARIATION	
<u>ANTH 48810</u>	HUMAN PALEONTOLOGY	
<u>BSCI 30140</u>	CELL BIOLOGY	
<u>BSCI 30156</u>	ELEMENTS OF GENETICS	
<u>BSCI 30520</u>	INTRODUCTION TO NEUROSCIENCE	
<u>BSCI 40515</u>	ANIMAL BEHAVIOR	
Any Psychology (PSYC) Upper-Division course (30000 or 40000 level) ¹		
Application of Psychological Science Electives, choose from the following:		3-4
<u>HONR 40099</u>	SENIOR HONORS THESIS/PROJECT (ELR)	
<u>PSYC 31498</u>	UNDERGRADUATE RESEARCH (ELR) ^{1,2}	
<u>PSYC 41492</u>	INTERNSHIP IN PSYCHOLOGY (ELR) ¹	
<u>PSYC 41498</u>	INDIVIDUAL INVESTIGATION (ELR) ^{1,2}	
<u>PSYC 41573</u>	LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: SOCIAL/CLINICAL (WIC) ³	
<u>PSYC 41574</u>	LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: COGNITIVE/LEARNING (WIC) ³	
<u>PSYC 41901</u> or <u>PSYC 41980</u>	WRITING IN PSYCHOLOGY (WIC) ³ RESEARCH WRITING IN PSYCHOLOGY (WIC)	
<u>PSYC 42574</u>	ADVANCED RESEARCH METHODS	
Cognition/Learning Electives, choose from the following:		6
<u>PSYC 40445</u>	COGNITIVE PSYCHOLOGY	
<u>PSYC 40446</u>	COGNITIVE NEUROSCIENCE	
<u>PSYC 41043</u>	BASIC LEARNING PROCESSES	
Developmental Elective, choose from the following:		3
<u>PSYC 20651</u>	CHILD PSYCHOLOGY (DIVD) (KSS)	
<u>PSYC 30651</u>	ADOLESCENT PSYCHOLOGY	
<u>PSYC 30656</u>	PSYCHOLOGY OF AGING	
Mathematics Elective, choose from the following:		3-5
<u>MATH 11009</u>	MODELING ALGEBRA (KMCR)	
<u>MATH 11010</u>	ALGEBRA FOR CALCULUS (KMCR)	
<u>MATH 11022</u>	TRIGONOMETRY (KMCR)	
<u>MATH 12002</u>	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	
Science Electives, choose from the following (must include one laboratory):		8
<u>BSCI 10110</u>	BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	
<u>BSCI 10120</u>	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	
<u>CHEM 10060</u>	GENERAL CHEMISTRY I (KBS)	
<u>CHEM 10061</u>	GENERAL CHEMISTRY II (KBS)	
Additional Requirements (courses do not count in major GPA)		

Code	Title	Credit Hours
	<u>Kent Core Social Sciences (must be from two disciplines)</u>	3
	<u>Kent Core Additional</u>	6
	General Electives	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 toward major requirements in psychology.

² Maximum 6 credit hours of [PSYC 31498](#) and [PSYC 41498](#) combined may be applied toward the Application of Psychological Science area.

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

B.S. Degree Child Psychology Concentration Requirements

Title	Credit Hours
Concentration Requirements (courses count in major GPA)	
<u>PSYC 20651</u> CHILD PSYCHOLOGY (DIVD) (KSS)	3
Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ^{1,2}	12
Application of Psychological Science Electives, choose from the following:	3-4
<u>HONR 40099</u> SENIOR HONORS THESIS/PROJECT (ELR)	
<u>PSYC 31498</u> UNDERGRADUATE RESEARCH (ELR) ^{1,3}	
<u>PSYC 41492</u> INTERNSHIP IN PSYCHOLOGY (ELR) ¹	
<u>PSYC 41498</u> INDIVIDUAL INVESTIGATION (ELR) ^{1,3}	
<u>PSYC 41573</u> LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: SOCIAL/CLINICAL (WIC) ⁴	
<u>PSYC 41574</u> LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: COGNITIVE/LEARNING (WIC) ⁴	
<u>PSYC 41901</u> WRITING IN PSYCHOLOGY (WIC) ⁴	
or <u>PSYC 41980</u> RESEARCH WRITING IN PSYCHOLOGY (WIC)	
<u>PSYC 42574</u> ADVANCED RESEARCH METHODS	
Child Psychology Concentration Electives, choose from the following:	12
<u>PSYC 30651</u> ADOLESCENT PSYCHOLOGY	
<u>PSYC 30652</u> SOCIAL AND PERSONALITY DEVELOPMENT	
<u>PSYC 30655</u> CHILDREN'S THINKING	
<u>PSYC 40112</u> PSYCHOLOGICAL DISORDERS OF CHILDHOOD AND ADOLESCENCE	
<u>PSYC 40382</u> PEDIATRIC PSYCHOLOGY	
<u>PSYC 41395</u> SPECIAL TOPICS IN CHILD PSYCHOLOGY ⁵	
Cognition/Learning Electives, choose from the following:	6
<u>PSYC 40445</u> COGNITIVE PSYCHOLOGY	
<u>PSYC 40446</u> COGNITIVE NEUROSCIENCE	
<u>PSYC 41043</u> BASIC LEARNING PROCESSES	
Mathematics Elective, choose from the following:	3-5
<u>MATH 11009</u> MODELING ALGEBRA (KMCR)	
<u>MATH 11010</u> ALGEBRA FOR CALCULUS (KMCR)	
<u>MATH 11022</u> TRIGONOMETRY (KMCR)	
<u>MATH 12002</u> ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	
Science Electives, choose from the following (must include one laboratory):	8
<u>BSCI 10110</u> BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	
<u>BSCI 10120</u> BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	
<u>CHEM 10060</u> GENERAL CHEMISTRY I (KBS)	
<u>CHEM 10061</u> GENERAL CHEMISTRY II (KBS)	
Additional Requirements (courses do not count in major GPA)	
<u>Kent Core Social Sciences (must be from two disciplines)</u>	3
<u>Kent Core Additional</u>	3
General Electives	18
Minimum Total Credit Hours:	71

¹ No more than 12 credit hours of [PSYC 31498](#), [PSYC 41492](#) and [PSYC 41498](#) combined may be applied toward major requirements in psychology.

² 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.

³ Maximum 6 credit hours of [PSYC 31498](#) and [PSYC 41498](#) combined may be applied toward the Application of Psychological Science area.

⁴ A minimum C grade must be earned to fulfill the writing-intensive requirement.

⁵ Maximum 9 credit hours may be applied toward concentration requirements.

B.S. Degree Pre-Medicine/Pre-Podiatry Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements (courses count in major GPA)		
<u>BSCI 10120</u>	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	4
<u>BSCI 30130</u>	HUMAN PHYSIOLOGY	3
or <u>BSCI 40430</u>	ANIMAL PHYSIOLOGY	
<u>BSCI 30140</u>	CELL BIOLOGY	4
<u>BSCI 30156</u>	ELEMENTS OF GENETICS	3
<u>BSCI 30171</u>	GENERAL MICROBIOLOGY	4
<u>CHEM 10060</u>	GENERAL CHEMISTRY I (KBS)	4
<u>CHEM 10061</u>	GENERAL CHEMISTRY II (KBS)	4
<u>CHEM 10062</u>	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	1
<u>CHEM 10063</u>	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	1
<u>CHEM 30284</u>	INTRODUCTORY BIOLOGICAL CHEMISTRY	4
or <u>CHEM 40245</u>	BIOCHEMICAL FOUNDATIONS OF MEDICINE	
<u>CHEM 30475</u>	ORGANIC CHEMISTRY LABORATORY I (ELR)	1
<u>CHEM 30476</u>	ORGANIC CHEMISTRY LABORATORY II	1
<u>MATH 12002</u>	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
<u>PHY 13001</u>	GENERAL COLLEGE PHYSICS I (KBS)	4
<u>PHY 13002</u>	GENERAL COLLEGE PHYSICS II (KBS)	4
<u>PHY 13021</u>	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
<u>PHY 13022</u>	GENERAL COLLEGE PHYSICS LABORATORY II (KBS) (KLAB)	1
<u>PSYC 41901</u>	WRITING IN PSYCHOLOGY (WIC) ¹	1
or <u>PSYC 41980</u>	RESEARCH WRITING IN PSYCHOLOGY (WIC)	
<u>SOC 12050</u>	INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)	3
Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ²		6
Cognition/Learning Elective, choose from the following:		3
<u>PSYC 40445</u>	COGNITIVE PSYCHOLOGY	
<u>PSYC 40446</u>	COGNITIVE NEUROSCIENCE	
<u>PSYC 41043</u>	BASIC LEARNING PROCESSES	
Developmental Elective, choose from the following:		3
<u>PSYC 20651</u>	CHILD PSYCHOLOGY (DIVD) (KSS)	
<u>PSYC 30651</u>	ADOLESCENT PSYCHOLOGY	
<u>PSYC 30656</u>	PSYCHOLOGY OF AGING	
Organic Chemistry courses, choose one of the following:		6
<u>CHEM 20481</u>	BASIC ORGANIC CHEMISTRY I	
& <u>CHEM 20482</u>	and BASIC ORGANIC CHEMISTRY II	
<u>CHEM 30481</u>	ORGANIC CHEMISTRY I	
& <u>CHEM 30482</u>	and ORGANIC CHEMISTRY II	
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 toward major requirements in psychology.

Additional Graduation Requirements for the B.S. Degree

Minimum Major GPA	Minimum Overall GPA
2.500	2.000

Foreign Language College Requirement, B.S.

- Students pursuing the Bachelor of Science degree in the College of Arts and Sciences must complete 8 credit hours of foreign language.¹
- The Bachelor of Science in Medical Laboratory Science is exempt from this requirement.²
- 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 start 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 Elementary I through Intermediate II level; (2) receiving credit through one of the [alternative credit](#) programs offered by Kent State University; or (3) demonstrating [language proficiency](#) comparable to Elementary II of a foreign language. When students complete the requirement with fewer than 8 credit hours and two courses, they will complete remaining credit hours with general electives.

² The Bachelor of Science in Medical Laboratory Science exemption exists under another college policy (Three-Plus-One Programs).

Please see Appendix A for GPS Roadmaps for the degree. Descriptions of Psychology courses can be found in Appendix B.

Minor in Psychology

The Psychology minor gives students an overview of the major concepts, theories, and methods of the discipline of psychology. Students are able to understand the relevance of psychological concepts and perspectives to understanding and explaining thoughts, emotions and behavior and applying that knowledge to real-world settings. Students are encouraged to use the elective courses in the minor to complement their major area of study as psychology is relevant for many careers, including nursing, business, teaching, biology, human services, justice studies and sociology.

Students completing a minor in Psychology are expected to be able to

1. Describe major concepts, theories and methods of the discipline of psychology.
2. Explain the relevance of psychological concepts and perspectives to understanding and explaining thoughts, emotions and behavior.
3. Apply their knowledge of the relevance of psychological concepts and perspectives to understanding and explaining thoughts, emotions and behavior to real-world settings.

Requirements for a Minor in Psychology

PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
PSYC 21621	QUANTITATIVE METHODS IN PSYCHOLOGY I ¹	3
PSYC 31574	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
Psychology (PSYC) Electives ²		12
Minimum Total Credit Hours:		21

¹ Students who are declared in either the Sociology major or Criminology and Justice Studies major may substitute SOC 32220 for PSYC 21621.

² Maximum 3 credit hours of PSYC 31498, PSYC 41492, PSYC 41495, PSYC 41498 and PSYC 41574 combined may be applied toward minor requirements. Minimum 9 credit hours of upper division courses (30000 and 40000 level) must be completed.

Advising for Undergraduate Students in the Department of Psychological Sciences

Psychology Advising Office and the College of Arts & Science Advising Office

Every student majoring in Psychology is assigned an Academic Advisor in the Psychology Advising Office or the College of Arts & Sciences. You can meet with that advisor, or another Psychology or Arts & Sciences advisor, for the following purposes:

- General advising questions regarding the psychology major or minor
- Planning classes for next semester
- Review and update your GPS plan
- Ensure you are on track to graduate
- Interpret general University policies and procedures (e.g., Kent Core requirements)
- Answer questions about a major change within the College of Arts & Sciences
- Acquire information about campus and academic resources

The Psychology Advising Office is located in the Psychology Main Office, Kent Hall 144. The College of Arts & Sciences is located in Bowman Hall room 105 and also offers remote same day advising and drop-in advising options. You can schedule an appointment using this link: <https://www.kent.edu/cas/advising>

Dr. Jocelyn (Jill) Folk, Ph.D. is the Coordinator of the Undergraduate Psychology Program. Contact Dr. Folk for specific questions about the major or minor such as:

- Transfer institution course equivalencies
- Exception/substitution requests
- Psychology course overrides

Contact information: Office: Kent Hall Annex 205

jfolk@kent.edu

(330) 672-4095

Psychology Majors in the Pre-Medicine/Pre-podiatry Concentration

Psychology majors in the pre-medicine/pre-podiatry concentration have the option of contacting the Undergraduate Psychology Program Coordinator, Dr. Jill Folk (jfolk@kent.edu) or scheduling with Pre-health Programs' advisor, Erin Lawson (elawson1@kent.edu). To schedule with Erin Lawson, follow this [link](#).

Advising for Psychology Minors

Students who are minoring in psychology can meet with an advisor in the Psychology Advising Office for guidance (in Kent Hall 144) or with the Undergraduate Curriculum Coordinator for Psychology, Dr. Jill Folk. You can contact her via e-mail at jfolk@kent.edu or by phone at 330-672-4095.

Request for Information about Transfer or Transient Credits

Requests for evaluation of psychology transfer credits or transient course work (courses taken by KSU students at other colleges) should be directed to the Psychology Undergraduate Curriculum Coordinator, Jill Folk (330-672-4095; jfolk@kent.edu).

Listserv for Psychology Majors

The Psychology Advising Office maintains a listserv for all majors in Psychology. The office uses the listserv to apprise students of upcoming events, special internship, volunteer, and research opportunities, new courses, etc. If you need to be added to the listserv, please contact the Undergraduate Secretary, Pat Lattimore (144 Kent Hall or psych@kent.edu). The website of the Department of Psychology also contains information for undergraduate students about careers in psychology, graduate school, courses offered, and more <https://www.kent.edu/psychology/undergraduate-programs>

How to Declare a Major or Minor in Psychology

If you did not declare Psychology as your major when you entered Kent State University, and you wish to change your major to Psychology or add a minor, you can follow the following steps in FlashLine. If you are changing your major, we encourage you to meet with an advisor in Psychology or the College of Arts and Sciences to discuss which degree (B.A. or B.S.) is right for you and whether you also wish to declare a concentration (see above for information about advising).

- Declare your major or minor in FlashLine under **Student > Resources > Advising and GPS > Change Undergraduate Program**

Research Experience Opportunities for Undergraduate Students

WHY GET RESEARCH EXPERIENCE IN PSYCHOLOGY? One advantage for students who attend large state universities with graduate programs is the opportunity to actively participate in research projects conducted by faculty members and graduate students. By participating in research, students receive "hands on" experience in their chosen field, an opportunity to see the scientific process in action, and the chance to become better acquainted with a faculty member who can serve as a mentor to the student.

The Department of Psychological Sciences at Kent State is very research oriented. Faculty members are actively engaged in research, and graduate students in our Ph.D. Clinical and Experimental programs conduct independent research projects. Students engaged in research often assist with data collection, learn data management skills, read articles relevant to lab research projects, and attend lab meetings. Participating in research is also good preparation for graduate school. Paid research positions are rare, but undergraduates majoring or minoring in Psychology can earn course credit by enrolling in PSYC 31498 Undergraduate Research or PSYC 41498 Individual Investigation. These courses are "permission only" courses. Interested students must contact faculty to enroll (see below for information about how to do this).

How do I Get Research Experience?

Step 1: Search and Contact Research Labs:

If you are a **Kent Campus** psychology major, take a look at [the current list of research labs searching for undergraduate research assistants](#). Contact labs of interest for more information. Each lab is very different and has a different application process. Most labs are somewhat selective and some require at least a 3.0 GPA. Contact each lab of interest for more information.

- If you are a **Regional Campus** student, [click here to contact your Academic Advising office at your Regional Campus](#) to learn about possible research experiences they might have available.

Step 2: Determine if you want to enroll for credit (PSYC 31498 or PSYC 41498) or volunteer.

Once accepted into a lab, e-mail the faculty member/lab coordinator associated with your lab if you are seeking to complete your research experience for course credit as either **Undergraduate Research** (PSYC 31498 – graded on a Satisfactory/Unsatisfactory grading scale) or **Individual Investigation** (PSYC 41498 – graded using a traditional letter grade, A-F, scale). Every credit hour of PSYC 31498/41498 requires a minimum 45-hour commitment in one's lab throughout the semester (e.g., approximately 3-4 hours per week during a Fall/Spring semester).

Step 3: Request registration and get enrolled if enrolling in PSYC 31498 or PSYC 41498.

If seeking to complete your research experience for course credit (PSYC 31498/41498), **the faculty member in charge of your research experience must approve your enrollment to work with them. You must fill out the top part of the PERMISSION TO REGISTER FORM UNDERGRADUATE RESEARCH/INDIVIDUAL INVESTIGATION form.** This form is available in the Kent 144 and in Appendix C. Your faculty research mentor must sign this form. Once the form is completed, the student can turn the form into the Undergraduate Secretary in the Kent 144. The secretary will then enroll you in the appropriate section and course.

Internship & Volunteer Opportunities

WHY DO AN INTERNSHIP?

It is highly recommended that psychology majors complete one or more psychology internships and/or volunteer experiences. These opportunities will make you more marketable to graduate programs and the workforce as well as give you the opportunity to explore career paths, make professional connections, and strengthen skills related to your future goals.

In a survey of 302 employers, sponsored by the Association of American Colleges and Universities (2008), respondents were asked which methods of assessing student learning are most helpful in evaluating a job applicant's potential to succeed in their company. Heading the list was a 'supervised/evaluated internship/community-based project where students apply college learning in a real-world setting.' 83% of the employers regarded this form of assessment as fairly or very effective. – Hettich & Landrum, Your Undergraduate Degree in Psychology, 2014

Psychology majors may complete a volunteer experience at any time on a non-credit basis or students may apply to complete an internship to receive course credit towards the major and graduation.

FOR-CREDIT INTERNSHIPS

Students interested in completing a for-credit psychology internship should begin by reading the [step-by-step instructions](#). Once you have read the instructions, and secured an internship opportunity, you must complete and submit two forms. The first is the Internship Request Form; click [here](#) to submit a request to be enrolled in the "Internship in Psychology" (PSYC 41492) course. The second form must be completed by your internship supervisor; click [here](#) to download the Internship Supervisor Approval Form (also available in Appendix D) that must be completed and signed by your internship supervisor. You must complete these steps and be enrolled in PSYC 41492 to submit the assignments (e.g., reflections, supervisor evaluations, etc.) required to successfully pass the class and earn course credit.

Note: if you are a student at a regional campus, contact an academic advisor at your campus for information regarding internships available to you.

NEED HELP FINDING SOMEWHERE TO DO AN INTERNSHIP?

Go to our Internship and Volunteer Opportunities website for information about internship sites that students have worked in: <https://www.kent.edu/psychology/internships-and-volunteer-opportunities>. The Office of Career Exploration and Development can also help with the internship search. You can meet with a career advisor, find information about internships, and more: <https://www.kent.edu/career>.

Careers with a Bachelor's Degree in Psychology

Earning a bachelor's degree in psychology at Kent State University involves the development of a diverse set of skills. Students will gain skills such as the ability to think critically about real world problems; an appreciation of the scientific method; development of written communication skills; an understanding of basic research methods and data analysis; knowledge regarding the strengths and limitations of our cognitive capacities; an awareness of the important role of human motivation in life success; insight into the causes and amelioration of distress and mental illness; an appreciation of how both biological processes and life experience impact the individual and others.

Because of the broad training it affords, a bachelor's degree in psychology can be used as a starting point for several different careers. Some psychology majors pursue graduate study in psychology or related areas. Most psychology majors, however, seek employment upon graduation. Psychology majors commonly seek employment with government or social service agencies, in the medical field (e.g, hospitals, research labs), or in business (e.g., personnel, human resources, sales).

Psychology students interested in exploring their career options can take PSYC 30005 Career Pathways in Psychology. This one-credit class is designed to equip students with a better understanding of the career pathways available to them in psychology at the bachelor's and graduate level. We encourage you to contact the **Office of Career Exploration and Development (CAED)** on campus (<https://www.kent.edu/career>). They have many free services for KSU students and graduates. Through CAED you can talk to a career counselor, receive tips on how to write a resume and interview for a job, and learn job search tips. They can also provide information on career fairs and other resources for finding available jobs. The Department of Psychological Sciences also holds workshops on careers in psychology as well as Career and Internship Fairs. Be sure to open the messages from the Psychology Majors Listserv to stay informed!

What follows is a listing (modified from information from the American Psychological Association) about typical careers that students who graduate with a degree in Psychology pursue. This is not a complete list but can give you an idea of some of the opportunities available to you upon graduation. Psychology provides a broad background in the liberal arts, which many employers find appealing. Below are some areas in which psychology majors are typically employed with a bachelor's degree. To make yourself more competitive, consider volunteer and internship opportunities to help you stand out. Additional course work or a minor in another area might also be helpful. See your faculty advisor in psychology for more information.

PSYCHOLOGY: Careers with a Bachelor's Degree Examples

Psychology encompasses both basic research (things like discovering how memory works or which counseling techniques are best) and the application of knowledge to practical problems (things like psychotherapy, vocational testing, or performance enhancement). Therefore, a Psychology degree can be used in many ways. Students should tailor their college work to their particular interests, and advising from the Department is important in knowing what courses and activities are most valuable.

OPPORTUNITIES WITH THE BACHELOR'S DEGREE:

DIRECTLY Related to Psychology:

- Mental Health Services (such as counseling, case management, child medical care support, mental health administration)
- Mental Health Community Advocacy
- Crisis Support/Intervention Specialist
- Victim Assistance/Advocacy
- Human Resources/Personnel
- Public Relations
- Marketing/Advertising
- Technical (such as marketing & consumer research, pharmaceutical research, research/data analysis, technical writing, health research, marketing research)

MORE GENERAL Opportunities:

- Social & Community Services (e.g., program/agency administration, social work, recreation, affirmative action, neighborhood outreach, health planning, family planning, training, program development, community & political advocacy, grants coordination)
- Other Non-Profits (e.g., university administration [admissions, alumni relations, etc.], hospital admissions, patient service, government service)
- Business (e.g., general management, customer relations, educational coordination & development, retail & sales)
- Corrections & Probation

Tips: For many of these careers, (management, human resources, sales, etc.) consider extra course work or a minor **in** Business or Management and seek out leadership roles and experience. If you are interested in research, get research experience through Psyc 31498/Psyc 41498 in Psychology and take extra math/statistics courses. For a position in Human Services, volunteer or internship experience working with people in crisis or from diverse backgrounds can be very valuable. Additional coursework or a minor in Nonprofit Studies or related areas can be helpful.

Preparing for Graduate School

Many careers in **psychology** and **related fields require graduate training**. If you want to be a counselor or clinical psychologist, administer and interpret psychological tests, teach psychology courses in high schools, community colleges or universities, or conduct research, you will need to continue your education beyond the Bachelor's degree in Psychology. Depending on your career goals, you may need to earn a Master's degree or a Doctoral degree in Psychology, Counseling, Social Work, or another related field.

If you have a career goal in mind, but you are unsure what type of training you will need, you can start by talking to your psychology advisor. They can help identify the types of graduate programs relevant to your career goals. Do not hesitate to consult with your advisor, even if your goals are vague; they can also help you clarify your goals. Another good approach is to contact someone who currently works in the job you would like to have (e.g., if you want to be a school counselor, contact your former high school counselor). They will be very aware of the types of educational degrees and experiences that are valued in his or her chosen field. A third possibility is to contact the personnel office at the business or organization where you would like to work and ask them what types of qualifications they look for when hiring people for the career you would like to have. It is important to plan, as early as possible, if you are interested in attending graduate school. Getting into a graduate program **is** much more competitive than getting into an undergraduate program. In most clinical or experimental psychology Ph.D. programs, graduate students are paid as teaching or research assistants and are usually also provided with tuition waivers. Thus, getting into a Ph.D. program is competitive because graduate programs can only afford to support a limited number of graduate students. In contrast to Ph.D. programs, paid positions and tuition waivers are much less common in Master's degree or Psy.D. programs. However, entry into these programs is still competitive. At any level of graduate training, faculty members can only successfully mentor a few graduate students at a time. When deciding which applicants to admit, several factors are taken into consideration.

Academic performance as an undergraduate (overall GPA and major GPA) is evaluated by all graduate programs. If your GPA is under a 3.0, you may have difficulty being admitted to a graduate program, unless you have other strong evidence of your academic potential. The most competitive graduate programs require much higher GPAs. **If you are interested in graduate training, but have a low undergraduate GPA, you might want to take a few graduate courses after graduation to demonstrate your potential for graduate school before formally applying to the graduate programs you want to attend.**

Some graduate programs also require that applicants take a test, the General Record Examination (GRE). The test is similar to the tests you took when applying for college (e.g., SAT or ACT). You can find information about how to register for the test at the GRE web site (www.ets.org/gre). In addition to the General Test of the GRE, some programs will require you to take a subject-specific version of the GRE that evaluates your knowledge of content within

the domain of psychology. Check with the schools to which you want to apply to see if they require the GRE. Many schools have made the GRE optional or do not consider GRE scores at all.

A good GPA and good GRE scores are important for getting your foot in the door, but these two alone are usually not enough to get you into graduate school. Most graduate programs look for additional, out of classroom experiences. In particular, students applying to Ph.D. programs in Psychology are expected to have "hands-on" research experience, which can include data collection, scoring and analysis, reading research articles, involvement in research design, and writing and presenting research reports. Given that research experience is heavily weighted in admission decisions, **it is important to get involved in research early on - you should not wait until your senior year to seek out research opportunities.** Extended experience in a research laboratory will not only provide you with a more impressive application for graduate school, most important, **it** will also help you define your interests and will prepare you for success in graduate school. (For more information about how to get involved in research, see "**Research Experience Opportunities for Undergraduates.**") Many programs are also interested in whether applicants have volunteer experience in their chosen field. This is particularly true for graduate programs in Mental Health Counseling and Social Work. In general, evidence that you have thoughtfully considered your options and have a realistic view of your chosen field will strengthen your graduate application.

Graduate programs also require letters of recommendation. Although some programs may be interested in having a letter from an employer or agency where you volunteered, almost all programs require one or more letters from faculty familiar with the applicant. It is therefore important to identify faculty who know you and who can write you a strong letter of recommendation for graduate school (e.g., you worked in their research lab; did well in their course; they are your academic advisor). This is yet another important reason to get involved in research.

What follows is a partial list of graduate programs that Psychology majors typically attend. Note, many of these programs are outside of Psychology.

Careers Requiring a Graduate Degree

In addition to the career opportunities for psychology majors who hold the bachelor's degree, there are many career options for psychology majors who choose to pursue advanced training. Below are some examples both within psychology and outside psychology.

PSYCHOLOGY

- Mental health (Clinical Psychology [including child clinical, forensic, clinical health, pediatric, etc], Counseling Psychology)
- Psychological Science/Experimental Psychology (including social psychology, developmental/child psychology, cognitive psychology, behavioral neuroscience, animal behavior, health psychology, personality psychology, psychometrics, cross-cultural psychology, and more)
- School Psychology (master's and specialist degree)
- Industrial/Organizational Psychology (master's or doctoral degree)

OUTSIDE PSYCHOLOGY

- Clinical Mental Health Counseling
- Clinical Rehabilitation Counseling
- Marriage and Family Therapy
- Social Work
- Other Traditional Academic Discipline (e.g., Anthropology, Political Science, Biology, Public Health)
- School/Guidance Counseling
- Law
- Medicine (complete pre-med coursework)
- Business (M.B.A.)/Organizational Behavior
- Human Resources
- Public Administration
- Teaching (e.g., Master of Arts in Teaching)

Student Organizations

At Kent State psychology undergraduate majors and minors can be involved in ***Psi Chi*** through the Department of Psychological Sciences.

Psi Chi National Honor Society in Psychology

Psi Chi is an international honor society whose purpose shall be to encourage, stimulate, and maintain excellence in scholarship of the individual members in all fields, particularly in psychology, and to advance the science of psychology.

Eligibility Requirements: All students who are psychology majors or minors may join Psi Chi. There are two levels of membership: Junior and Official Members. Junior members are freshmen and first semester sophomores. Official Members must be at least a second semester sophomore with a 3.0 GPA and at least 9 credit hours in psychology.

How to Join: Complete the applications below:

- [Psi Chi Application for Junior Membership](#)
- [Psi Chi Application for Full Membership](#)

Questions or Concerns?

E-mail psichiksu@gmail.com, or visit our website at <https://kentpsichi.weebly.com/>.

Pre-Medical Organizations

Students in the pre-medicine/pre-podiatry concentration should consider joining the Kent State chapter of the American Medical Student Association (AMSA). AMSA is a student-led group aimed at connecting the undergraduate pre-medical community and fostering success through resources, such as shadowing and volunteer opportunities, to aid in the journey of becoming the best medical school applicant. More information can be found here <https://www.kent.edu/csi/american-medical-student-association>.

Kent State offers over 350 student organizations. Check out the Center for Student Involvement to find one that fits with your interests!
<https://www.kent.edu/csi/student-organizations>

Student Academic Complaint Procedure

If a student has an academic complaint concerning a course in the Department of Psychological Sciences, that student is expected to pursue an informal resolution of the complaint as a first step. The student should start this process by consulting with the instructor to review the matter and to attempt to resolve the issue informally. If the matter is not resolved, the student may then discuss the issue with the Assistant Chair in the Department of Psychological Sciences, who will work with the student towards an informal resolution. The student can obtain contact information for the Assistant Chair by contacting the Department of Psychological Sciences Main Office in 144 Kent Hall (330- 672-2166). The student may also consult with the Student Ombuds by emailing (ombuds@kent.edu) or calling (330-672-9494) the Student Ombuds Office. If these attempts at informal resolution are not successful, the student may then lodge a formal complaint.

Below is the link to the University Policy for handling academic complaints, including guidelines for informal resolution procedures and how to lodge a formal complaint.
<https://www.kent.edu/policyreg/administrative-policy-and-procedure-student-academic-complaints>

Appendix A: Roadmaps for B.A. and B.S. Degrees

Bachelor of Arts Degree: 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
!PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
UC 10001	FLASHES 101	1
Foreign Language		4
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		14
SEMESTER TWO		
Foreign Language		4
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		16
SEMESTER THREE		
PSYC 21621	QUANTITATIVE METHODS IN PSYCHOLOGY I	3
Foreign Language		3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		15
SEMESTER FOUR		
PSYC 31574	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental) or Group VI (Clinical/Counseling)		3
Foreign Language		3
Kent Core Requirement or General Elective		3
Kent Core Requirement or General Elective		3
Credit Hours		15
SEMESTER FIVE		
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental) or Group VI (Clinical/Counseling)		3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)		3
General Electives		9
Credit Hours		15

SEMESTER SIX

Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental) or Group VI (Clinical/Counseling)	3
Group IV (Application of Psychological Science)	1-3
General Electives	11
Credit Hours	15

SEMESTER SEVEN

Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental) or Group VI (Clinical/Counseling)	3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)	3
General Electives	9
Credit Hours	15

SEMESTER EIGHT

Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental) or Group VI (Clinical/Counseling)	3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)	3
General Electives	7-9
Credit Hours	15
Minimum Total Credit Hours:	120

Bachelor of Arts Degree: 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.

SEMESTER ONE		CREDITS
!PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
UC 10001	FLASHES 101	1
Foreign Language		4
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		14
SEMESTER TWO		
PSYC 20651	CHILD PSYCHOLOGY (DIVD) (KSS)	3
Foreign Language		4
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		16
SEMESTER THREE		
PSYC 21621	QUANTITATIVE METHODS IN PSYCHOLOGY I	3
Foreign Language		3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		15
SEMESTER FOUR		
PSYC 31574	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group VI (Clinical/Counseling)		3
Foreign Language		3
Kent Core Requirement		3
Kent Core Requirement or General Elective		3
Credit Hours		15
SEMESTER FIVE		
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group VI (Clinical/Counseling)		3
Group IV (Application of Psychological Science)		1-3
General Electives		9-11
Credit Hours		15
SEMESTER SIX		
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group VI (Clinical/Counseling)		3

Child Psychology Concentration Electives	6
General Electives	6
Credit Hours	15
SEMESTER SEVEN	
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group VI (Clinical/Counseling)	3
Child Psychology Concentration Elective	3
General Electives	9
Credit Hours	15
SEMESTER EIGHT	
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group VI (Clinical/Counseling)	3
Child Psychology Concentration Elective	3
General Electives	9
Credit Hours	15
Minimum Total Credit Hours:	120

Bachelor of Arts Degree: Counseling Careers 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
!PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
UC 10001	FLASHES 101	1
Foreign Language		4
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		14
SEMESTER TWO		
PSYC 21211	PSYCHOLOGY OF EVERYDAY LIFE (DIVD) (KSS)	3
Foreign Language		4
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		16
SEMESTER THREE		
PSYC 21621	QUANTITATIVE METHODS IN PSYCHOLOGY I	3
Foreign Language		3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		15
SEMESTER FOUR		
PSYC 31574	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental)		3
Foreign Language		3
Kent Core Requirement		3
Kent Core Requirement or General Elective		3
Credit Hours		15
SEMESTER FIVE		
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental)		3
Group IV (Application of Psychological Science)		1-3
General Electives		9-11
Credit Hours		15
SEMESTER SIX		
PSYC 40111	PSYCHOPATHOLOGY	3
PSYC 40231	PSYCHOLOGICAL ASSESSMENT	3

Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental)	3
General Electives	6
Credit Hours	15
SEMESTER SEVEN	
PSYC 40383 INTRODUCTION TO CLINICAL PSYCHOLOGY	3
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental)	3
General Electives	9
Credit Hours	15
SEMESTER EIGHT	
Group I (Behavioral Neuroscience/Learning) or Group II (Cognition) or Group III (Social/Personality) or Group V (Developmental)	3
Counseling Careers Concentration Elective	3
General Electives	9
Credit Hours	15
Minimum Total Credit Hours:	120

Bachelor of Science Degree: 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
PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
UC 10001	FLASHES 101	1
Science Elective		4
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 31282	PERSONALITY	3
or PSYC 31532	or SOCIAL PSYCHOLOGY	
PSYC 40111	PSYCHOPATHOLOGY	3
Psychology (PSYC) Upper-Division Electives (30000 or 40000 level)		6
General Elective		3
Credit Hours		15
SEMESTER SIX		
PSYC 31684	QUANTITATIVE METHODS IN PSYCHOLOGY II	3
PSYC 41363	BIOPSYCHOLOGY	3
Application of Psychological Science Elective		3

General Electives	6
Credit Hours	15
SEMESTER SEVEN	
ANTH, BSCI or PSYC Elective	3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)	3
Cognition/Learning Elective	3
General Electives	6
Credit Hours	15
SEMESTER EIGHT	
ANTH, BSCI or PSYC Elective	3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)	3
General Electives	10
Credit Hours	16
Minimum Total Credit Hours:	120

Bachelor of Science Degree: 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.

SEMESTER ONE		CREDITS
<u>PSYC 11762</u>	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
<u>UC 10001</u>	FLASHES 101	1
Science Elective		4
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		14
SEMESTER TWO		
<u>PSYC 20651</u>	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		
<u>PSYC 21621</u>	QUANTITATIVE METHODS IN PSYCHOLOGY I	3
Cognition/Learning Elective		3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)		3
Foreign Language		4
Kent Core Requirement		3
Credit Hours		16
SEMESTER FOUR		
<u>PSYC 31574</u>	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)		3
Foreign Language		4
Kent Core Requirement		3
Credit Hours		13
SEMESTER FIVE		
<u>PSYC 31282</u>	PERSONALITY	3
or <u>PSYC 31532</u>	or SOCIAL PSYCHOLOGY	
<u>PSYC 40111</u>	PSYCHOPATHOLOGY	3
Child Psychology Concentration Elective		3
Kent Core Requirement		3
General Elective		3
Credit Hours		15
SEMESTER SIX		
<u>PSYC 31684</u>	QUANTITATIVE METHODS IN PSYCHOLOGY II	3
Psychology (PSYC) Upper-Division Elective (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 Elective	3
Cognition/Learning Elective	3
Psychology (PSYC) Upper-Division Elective (30000 or 40000 level)	3
General Elective	3
Credit Hours	15
SEMESTER EIGHT	
Child Psychology Concentration Electives	6
General Electives	10
Credit Hours	16
Minimum Total Credit Hours:	120

Bachelor of Science Degree: Pre-Medicine/Pre-Podiatry 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
<u>BSCI 10120</u>	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	4
<u>CHEM 10060</u>	GENERAL CHEMISTRY I (KBS)	4
<u>CHEM 10062</u>	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	1
<u>PSYC 11762</u>	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
<u>UC 10001</u>	FLASHES 101	1
Kent Core Requirement		3
Credit Hours		16
SEMESTER TWO		
<u>BSCI 30156</u>	ELEMENTS OF GENETICS	3
<u>CHEM 10061</u>	GENERAL CHEMISTRY II (KBS)	4
<u>CHEM 10063</u>	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	1
<u>MATH 12002</u>	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
Kent Core Requirement		3
Credit Hours		16
SEMESTER THREE		
<u>BSCI 30140</u>	CELL BIOLOGY	4
<u>CHEM 20481</u>	BASIC ORGANIC CHEMISTRY I	3-4
or <u>CHEM 30481</u>	or ORGANIC CHEMISTRY I	
<u>CHEM 30475</u>	ORGANIC CHEMISTRY LABORATORY I (ELR)	1
<u>PSYC 21621</u>	QUANTITATIVE METHODS IN PSYCHOLOGY I	3
<u>SOC 12050</u>	INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)	3
Credit Hours		14
SEMESTER FOUR		
<u>CHEM 20482</u>	BASIC ORGANIC CHEMISTRY II	2-3
or <u>CHEM 30482</u>	or ORGANIC CHEMISTRY II	
<u>CHEM 30476</u>	ORGANIC CHEMISTRY LABORATORY II	1
<u>PSYC 31574</u>	RESEARCH METHODS IN PSYCHOLOGY (ELR)	3
<u>PSYC 41901</u>	WRITING IN PSYCHOLOGY (WIC)	1
or <u>PSYC 41980</u>	or RESEARCH WRITING IN PSYCHOLOGY (WIC)	
Developmental Elective		3
Kent Core Requirement		3
Credit Hours		14
SEMESTER FIVE		
<u>BSCI 30130</u>	HUMAN PHYSIOLOGY	3
or <u>BSCI 40430</u>	or ANIMAL PHYSIOLOGY	
<u>BSCI 30171</u>	GENERAL MICROBIOLOGY	4

<u>PHY 13001</u>	GENERAL COLLEGE PHYSICS I (KBS)	4
<u>PHY 13021</u>	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
Cognition/Learning Elective		3
Credit Hours		15
SEMESTER SIX		
<u>CHEM 30284</u>	INTRODUCTORY BIOLOGICAL CHEMISTRY	4
or <u>CHEM 40245</u>	or BIOCHEMICAL FOUNDATIONS OF MEDICINE	
<u>PHY 13002</u>	GENERAL COLLEGE PHYSICS II (KBS)	4
<u>PHY 13022</u>	GENERAL COLLEGE PHYSICS LABORATORY II (KBS) (KLAB)	1
<u>PSYC 31282</u>	PERSONALITY	3
or <u>PSYC 31532</u>	or SOCIAL PSYCHOLOGY	
<u>PSYC 31684</u>	QUANTITATIVE METHODS IN PSYCHOLOGY II	3
Credit Hours		15
SEMESTER SEVEN		
<u>PSYC 40111</u>	PSYCHOPATHOLOGY	3
<u>PSYC 41363</u>	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

Appendix B: Psychology Course Descriptions

PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS) 3 Credit Hours

Introduction to the scientific approach to understanding human behavior and mental processes such as emotions, perceptions and cognitions. Topics may include personality, social and environmental factors, biological aspects of behavior and the experience of emotion and psychological disorders.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Diversity Domestic, Kent Core Social Sciences, TAG Social and Behavioral Sciences, Transfer Module Social Sciences

PSYC 20651 CHILD PSYCHOLOGY (DIVD) (KSS) 3 Credit Hours

A review of the data, concepts and theories of psychology that contribute to the understanding of child development from conception to age 14.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Diversity Domestic, Kent Core Social Sciences, TAG Social and Behavioral Sciences, Transfer Module Social Sciences

PSYC 21211 PSYCHOLOGY OF EVERYDAY LIFE (DIVD) (KSS) 3 Credit Hours

A review of theories, concepts and data that contribute to the understanding of human adjustment. Topics may include the following: personality, stress and coping, transitions from adolescence to adulthood, psychological disorders and psychotherapy.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Diversity Domestic, Kent Core Social Sciences, Transfer Module Social Sciences

PSYC 21621 QUANTITATIVE METHODS IN PSYCHOLOGY I 3 Credit Hours

Application of quantitative, statistical methods in psychological research. Descriptive and inferential methods (includes ANOVA, t-test and correlation).

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 22221 MULTICULTURAL PSYCHOLOGY (DIVD) 3 Credit Hours

Examination of areas of psychology upon which diversity issues have a bearing and focused study of psychological issues relevant to African-American, Asian-American, Hispanic/Latino American and American Indian groups.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Diversity Domestic, Transfer Module Social Sciences

PSYC 30005 CAREER PATHWAYS IN PSYCHOLOGY 1 Credit Hour

Designed to equip students with a better understanding of the career pathways available to them in psychology at the bachelor's and graduate level. Using a combination of videos, articles and activities, students learn about many different topics and strategies related to careers and the graduate school application process.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 1 lecture

Grade Mode: Standard Letter

PSYC 30111 FORENSIC PSYCHOLOGY 3 Credit Hours

Surveys major areas of forensic psychology, which focuses on the application of the science and profession of psychology to legal settings. Topics include roles and responsibilities of forensic psychologists, forensic assessment, psychological theories of criminal behavior, law enforcement psychology and eyewitness testimony.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30651 ADOLESCENT PSYCHOLOGY 3 Credit Hours

Students review the theories, concepts and data that contribute to the understanding of the physical, intellectual, educational, personality and social development of adolescents in contemporary society.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 30652 SOCIAL AND PERSONALITY DEVELOPMENT 3 Credit Hours

Processes and findings in social and personality development, with a focus on childhood and adolescence. Students examine individual differences, as well as developmental changes, in social function and personality.

Prerequisite: [PSYC 11762](#); and HDFS 24012 or [PSYC 20651](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30655 CHILDREN'S THINKING 3 Credit Hours

Focuses on how children's cognitive processes and mental representations change from infancy to early adulthood. Theoretical claims, empirical findings and methodological issues are critically evaluated. Topics include children's visual and auditory perception, language and literacy, learning and memory, mathematical and spatial thinking, logical and scientific reasoning, problem solving, theory of mind and social cognition.

Prerequisite: [PSYC 11762](#); and HDFS 24012 or [PSYC 20651](#).

Schedule Type: Lecture

Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 30656 PSYCHOLOGY OF AGING 3 Credit Hours

Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30821 PSYCHOLOGY OF MOTIVATION 3 Credit Hours

Factors that provide the energy and direction for behaviors, emotions and cognitive processes. Seeks to answer the question "why" concerning the things people do, feel and think. A survey approach is used to include both the traditional and newly emerging concepts in motivation.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30822 SPORT PSYCHOLOGY 3 Credit Hours

Introduction to the use of psychological theories and interventions in sport and performance settings. Can include topics such as performance anxiety, maintaining focus under pressure, motivation, leadership, among others.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31141 PERCEPTION 3 Credit Hours

Investigates how humans detect, organize and interpret information from the environment. Considers how both biological and psychological process create and influence our perception of the world.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31282 PERSONALITY 3 Credit Hours

A review of the data, concepts and theories of psychology that contribute to the understanding of personality.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 31498 UNDERGRADUATE RESEARCH (ELR) 1-6 Credit Hours

(Repeatable for credit) Individual research open to qualified students.

Prerequisite: [PSYC 11762](#); and special approval.

Schedule Type: Research

Contact Hours: 1-6 other

Grade Mode: Satisfactory/Unsatisfactory-IP

Attributes: Experiential Learning Requirement

PSYC 31532 SOCIAL PSYCHOLOGY 3 Credit Hours

Study of environmental/situational influences on a person's thoughts, behaviors and feelings- focus on topics such as aggression, attitudes and behaviors, conformity, helping, personal relationships and social cognition.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 31574 RESEARCH METHODS IN PSYCHOLOGY (ELR) 3 Credit Hours

The rationale, logic and procedures of scientific research in psychology with an emphasis on measurement, causal inference and research design.

Prerequisite: [PSYC 11762](#) and [PSYC 21621](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Experiential Learning Requirement

PSYC 31634 ANIMAL COGNITION 3 Credit Hours

Focuses on the nature of cognition and intelligence in nonhuman animals. Topics include animal studies of perception and attention, associative learning, memory, spatial cognition, concept formation, reasoning and language in nonhuman animals.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31684 QUANTITATIVE METHODS IN PSYCHOLOGY II 3 Credit Hours

Small sample theory, analysis of variance, linear regression and nonparametric statistics (e.g. Chi Square). Course may include qualitative analyses and computer- based data analyses with SPSS software.

Prerequisite: [PSYC 21621](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31773 INDUSTRIAL PSYCHOLOGY 3 Credit Hours

Application of principles, facts and theories of psychology to people at work. Includes motivation and satisfaction at work, personnel selection and placement, training and development, performance appraisal, organizational development, quality of work life, ergonomics and consumer psychology.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40111 PSYCHOPATHOLOGY 3 Credit Hours

Survey of the definitions as well as the biological, psychological and sociocultural causes of various psychological disorders. Illustrations of these disorders with cases. Overview of treatment approaches to these disorders may be included.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 40112 PSYCHOLOGICAL DISORDERS OF CHILDHOOD AND ADOLESCENCE 3 Credit Hours

Covers the biological, psychological and socio-cultural factors influencing the development of psychological disorders in children and adolescents. Emphasis is placed on conceptual and research issues and the application of knowledge to understanding diagnosis and case studies of specific disorders.

Prerequisite: [PSYC 11762](#); and HDFS 24012 or [PSYC 20651](#) or [PSYC 30651](#); and junior or senior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40231 PSYCHOLOGICAL ASSESSMENT 3 Credit Hours

Introduction to psychometrics and test theory. Use and basic interpretation of intellectual and personality tests. Skills in using tests at a professional level not given.

Prerequisite: [PSYC 11762](#) and [PSYC 21621](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40382 PEDIATRIC PSYCHOLOGY 3 Credit Hours

(Slashed with [PSYC 50382](#) and [PSYC 70382](#)) Survey of the current topics and research in the field of pediatric (or child health) psychology. Includes a general overview of a number of pediatric psychology topics, including opportunities for more focused study of specific conditions and illnesses. Class sessions cover a mix of general issues (e.g., systems, adherence, diversity, stress and coping), descriptions of clinical roles in pediatric psychology (e.g., consultation liaison, multidisciplinary teams) and specific pediatric conditions with a focus on understanding the role of pediatric psychology.

Prerequisite: [PSYC 20651](#); and junior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40383 INTRODUCTION TO CLINICAL PSYCHOLOGY 3 Credit Hours

Application of psychological principles and techniques to the problems of the individual. Course is designed to introduce the field of clinical psychology, including models of understanding abnormal behavior, treatment of individuals and ethics and professional issues.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 40445 COGNITIVE PSYCHOLOGY 3 Credit Hours

Covers the mental processes that underline human thought and behavior, such as attention, memory, comprehension, reasoning, problem-solving and language. Considers established and current theoretical models, research methods and experimental results.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 40446 COGNITIVE NEUROSCIENCE 3 Credit Hours

Covers the cognitive and neural processes that underlie vision, attention, spatial processing, memory, language, social processes, executive functioning and action. Introduces basic brain structure and the behavioral and functional imaging techniques used to study the brain bases of cognition. Data from patients with neurological disorders such as Alzheimer's, aphasia, amnesia are also examined.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 40461 PSYCHOLOGY OF LANGUAGE 3 Credit Hours

Investigates psychological processes involved in language production, comprehension and development. Within each broad area emphasis is on theories, psychological experiments, key findings and the relationships between theory, method and data.

Prerequisite: [PSYC 11762](#) and [PSYC 40445](#).

Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 40625 DEVELOPMENT OF GENDER ROLE AND IDENTITY (DIVD) 3 Credit Hours

A life-span, developmental model is used to analyze the changes that occur with age in gender-related role performance and identity formation.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic

PSYC 40974 HISTORY OF PSYCHOLOGY 3 Credit Hours

(Slashed with [PSYC 50974](#)) Course examines the historical context, influences and individuals instrumental in the development of psychology. Course organization is designed to compare and contrast systems, theories and fundamental issues with which psychologists have concerned themselves in past and contemporary stages of the science.

Prerequisite: [PSYC 11762](#); and special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 41043 BASIC LEARNING PROCESSES 3 Credit Hours

Examination of basic principles of Pavlovian conditioning, instrumental conditioning, animal learning and memory processes and animal cognition. Emphasis on major empirical phenomena derived from research with animals with reference to related psychological processes in humans.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41363 BIOPSYCHOLOGY 3 Credit Hours

Rigorous course covering the relationship between brain and behavior at the physiological, chemical and anatomical levels. Focuses on the association between the central nervous system and various processes and behaviors such as learning, emotions, neurological disorders and psychopathology. Students with no background or coursework in biological science should plan to devote considerable time to mastering the relevant concepts for this course (e.g., structure and function of neurons).

Prerequisite: [PSYC 11762](#); and sophomore standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41364 DRUGS AND BEHAVIOR 3 Credit Hours

Provides an overview of drug taking in society, the actions of drugs in the body and the effects of drugs on behavior. Focus is on drugs and the nervous system, psychopharmacology and actions and side effects of such drugs as alcohol, opiates, stimulants, marijuana, hallucinogens, depressants and performance-enhancing drugs. Particular focus is on medications for psychiatric disorders, abuse-potential and the causes of addiction, dependence and relapse.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41395 SPECIAL TOPICS IN CHILD PSYCHOLOGY 3 Credit Hours

(Repeatable for credit)(Slashed with [PSYC 51395](#) and [PSYC 71395](#)) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of child psychology. Specific topic varies per course offering.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41492 INTERNSHIP IN PSYCHOLOGY (ELR) 1-6 Credit Hours

(Repeatable for credit) Application of psychological knowledge and skills in applied settings. Allows academic credit for participation as an intern at approved internship sites, including social service, non-profit agencies, government agencies and hospital settings.

Prerequisite: 9 credit hours of psychology courses; and minimum 3.000 overall GPA; and psychology major; and junior standing; and special approval.

Schedule Type: Practical Experience

Contact Hours: 7-42 other

Grade Mode: Satisfactory/Unsatisfactory-IP

Attributes: Experiential Learning Requirement

PSYC 41495 SPECIAL TOPICS IN PSYCHOLOGY 1-3 Credit Hours

(Repeatable for credit) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of research theory or methodology may be covered. Specific topics announced.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

PSYC 41498 INDIVIDUAL INVESTIGATION (ELR) 1-6 Credit Hours

(Repeatable for maximum 16 credit hours) Involves participation in empirical research, review of psychological literature and preparation of a paper or annotated bibliography.

Prerequisite: [PSYC 11762](#); and special approval.

Schedule Type: Individual Investigation

Contact Hours: 1-6 other

Grade Mode: Standard Letter-IP

Attributes: Experiential Learning Requirement

**PSYC 41573 LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH:
SOCIAL/CLINICAL (WIC) 3 Credit Hours**

(Repeatable for credit) Intensive experience in the conduct, analysis and reporting of empirical research in social or clinical psychology. Specific content varies with instructor.

Prerequisite: [PSYC 11762](#) and [PSYC 21621](#) and [PSYC 31574](#); and minimum 3.200 overall GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

**PSYC 41574 LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH:
COGNITIVE/LEARNING (WIC) 3 Credit Hours**

(Repeatable for credit) Intensive experience in the conduct, analysis and reporting of empirical research in cognitive psychology or human/animal learning. Specific content varies with instructor.

Prerequisite: [PSYC 11762](#) and [PSYC 21621](#) and [PSYC 31574](#); and minimum 3.200 overall GPA; and special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41581 HEALTH PSYCHOLOGY 3 Credit Hours

Role of psychological and social factors in health and illness, typically covering three general areas: (1) psychological factors affecting disease, (2) psychological and social consequences of illness and (3) psychotherapeutic interventions.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41584 THE PSYCHOLOGY OF EXERCISE 3 Credit Hours

Provides an introduction to exercise psychology, which is the application of psychology to promote, maintain, enhance and explain the parameters of exercise. Course introduces students to the cutting-edge research and practical application of exercise psychology. Topics include use of psychological theory to predict adoption and adherence to exercise behavior; social and personality influences on exercise behavior; research on effectiveness of various exercise interventions; and consequences of exercise, including mental health states such as depression and anxiety, emotional well-being, self-esteem, self-concept, health-related quality of life and cognition.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41595 SPECIAL TOPICS IN COUNSELING CAREERS 3 Credit Hours

(Repeatable for credit)(Slashed with [PSYC 51595](#) and [PSYC 71595](#)) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of psychology relevant to counseling careers. Topic varies per course offering.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41901 WRITING IN PSYCHOLOGY (WIC) 1 Credit Hour

Writing-intensive course taken in conjunction with a 3-credit-hour, upper-division psychology course (may not be taken with [PSYC 31498](#), [PSYC 41498](#), [PSYC 41573](#), [PSYC 41574](#) or [PSYC 41993](#)).

Prerequisite: Special approval.

Schedule Type: Lecture

Contact Hours: 1 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41980 RESEARCH WRITING IN PSYCHOLOGY (WIC) 1 Credit Hour

Writing-intensive course taken in conjunction with [PSYC 31574](#).

Pre/corequisite: [PSYC 31574](#).

Schedule Type: Lecture

Contact Hours: 1 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41993 VARIABLE TITLE WORKSHOP IN PSYCHOLOGY 1-6 Credit Hours

(Repeatable for credit) Specific topic varies per course offering.

Prerequisite: [PSYC 11762](#); and special approval.

Schedule Type: Workshop

Contact Hours: 1-6 other

Grade Mode: Satisfactory/Unsatisfactory

PSYC 42574 ADVANCED RESEARCH METHODS 3 Credit Hours

Course helps students integrate information learned in previous courses to better understand the process of conducting research in the field of psychology. Through hands-on experiences, students use basic statistical analyses to answer hypotheses; review scientific literature and generate hypotheses; test hypotheses using a dataset and present research findings.

Prerequisite: [PSYC 31574](#); and minimum 3.200 overall GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 43001 CLINICAL NEUROANATOMY 3 Credit Hours

(Slashed with [PSYC 53001](#) and [PSYC 73001](#))(Cross-listed with [BMS 50701](#) and [BMS 70701](#))

Course examines the anatomical organization of the human brain, emphasizing functional aspects of various neural systems, neuroimaging and topics of clinical relevance. Students must have a conceptual understanding of central nervous system organization and memorization of specific neural structures and pathways, as well as knowledge of the impact of structure and systems dysfunction.

Prerequisite: Minimum 3.250 overall GPA; and junior standing; and special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 43002 CURRENT TECHNIQUES IN BEHAVIORAL NEUROSCIENCE 3 Credit Hours

(Slashed with [PSYC 53002](#) and [PSYC 73002](#))(Cross-listed with [BMS 50702](#) and [BMS 70702](#))

Course details current and advanced techniques used in behavioral neuroscience research. Emphasis is placed on understanding the theory behind each technique, and its use in understanding the neural mechanisms of behavior. Detailed protocols for each technique are also covered.

Prerequisite: Minimum B grade in [BSCI 30140](#) or [BSCI 30156](#) or [BSCI 30520](#) or [PSYC 41363](#); and minimum 3.250 overall GPA; and junior standing; and special approval from instructor.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 43003 NEURAL MECHANISMS OF LEARNING AND MEMORY 3 Credit Hours

(Slashed with [PSYC 53003](#) and [PSYC 73003](#))(Cross-listed with [BMS 50703](#) and [BMS 70703](#))

Course examines the neural and molecular mechanisms underlying learning and memory formation. Covers cellular mechanisms of learning, including long-term potentiation and basic electrophysiology in invertebrate and mammalian preps. Transcriptional and post-translational modifications required for learning and memory formation, genomic signaling and protein synthesis. Also covers structural changes of neurons associated with memory formation, and the different behavioral methods for studying memory.

Prerequisite: [BSCI 30520](#) or [PSYC 41363](#) with a minimum B grade; and minimum 3.250 overall GPA; and junior standing; and special approval from instructor.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

**PSYC 47385 BROKEN BRAINS: INTRODUCTION TO CLINICAL
NEUROPSYCHOLOGY 3 Credit Hours**

Clinical neuropsychology is the study of brain-behavior relationships or the ways in which the brain allows people to think, feel and behave in their everyday life. Course introduces students to cutting-edge research into the inner workings of the brain in both healthy individuals and those with neurological disorders (e.g. Alzheimer's disease, brain injury, ADHD, bipolar disorder). Topics include organization of the brain; how people learn, pay attention and solve problems; brain plasticity; neurological disorders; and neuropsychological assessment.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 47387 NEUROPSYCHOPHARMACOLOGY 3 Credit Hours

(Slashed with [PSYC 57387](#) and [PSYC 77387](#)) (Cross-listed with [NEUR 47387](#))

Neuropsychopharmacology is the study of how drugs and other chemicals affect brain and behavior. Course introduces students to the behavioral effects of psychoactive/therapeutic drugs and neurotoxic chemicals in relation to their neural and molecular mechanisms of action. Covers general principles of neuropsychopharmacology; nervous system structure in relation to behavior and mind, brain and behavioral systems that are affected by different classes of drugs and toxic chemicals; and methods employed in neuropsychopharmacology research.

Prerequisite: [PSYC 11762](#).

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Appendix C: Permission to Register for Research Form

PERMISSION TO REGISTER FORM UNDERGRADUATE RESEARCH/INDIVIDUAL INVESTIGATION PSYC 31498 SU GRADE/PSYC 41498 LETTER GRADE

Date: _____

Permission Date:

Semester: Spring _____ (year) Summer _____ (year) Fall _____ (year)

Registration for this course is controlled. You must complete this form, have it approved and signed by a faculty member, and return it to the Main Office (Kent Hall 144) before you will be permitted to register.

1. After you have been accepted into a faculty member's research lab you will need to consult with the faculty member to agree on the research tasks you plan to do, number of credit hours, and select a grading option. If you wish to receive a letter grade, be sure that you and the faculty member agree on how the grade will be determined. Then, complete the form below and obtain the faculty member's signature. Return the completed form to Main Office in Kent Hall 144.
2. Students conducting research where they come in contact with animals must contact the senior animal technician in 235 Kent Hall Addition/Annex (Laure Farnbauch – lfarnbau@kent.edu) for information on a preliminary health check and have this form initialed below before turning it in to the Psychology Office.
3. If you are working with more than one faculty member on separate projects, you must submit a separate form for each project and register for separate sections of PSYC 31498/41498.
4. Permission slips from previous semesters do not carry over. You must submit a new form each semester.

If you need help completing this form, please contact Pat Lattimore (Kent Hall 144; flattimo@kent.edu) for assistance.

Student Name: _____ Student ID #: _____

Cell Phone #: _____ Email address: _____

Credit hours for this course: _____ Total number of credit hours for entire semester: _____

☐ PSYC41498 Individual Investigation (Letter Grading Section) _____ CRN # _____

☐ PSYC31498 Undergraduate Research (S/U Grading Section) _____ CRN # _____

Criteria (*for letter grade PSYC 41498 Only*): _____

Approved (faculty signature – also, please **PRINT** the last name):

Key Card Access Needed? Yes _____ No _____ If yes, which room(s): _____

Animal Research check: _____

Appendix D: Internship Supervisor Form

Internship in Psychology (PSYC 41492) Supervisor Approval Form This form must be filled out by the internship supervisor and returned to Dr. Jill Folk (jfolk@kent.edu).

AGENCY & SUPERVISOR INFORMATION

Name of agency _____
Address _____
Name of supervisor _____
Title of supervisor _____
Contact information (phone and email) _____

STUDENT RESPONSIBILITIES

I, _____, agree to supervise _____ for the duration of the
(your name) (intern's name)
_____ (include the year) semester. _____ will work ____ hours per
(intern's name)

week and perform the following duties: _____

ACKNOWLEDGEMENT OF SUPERVISOR RESPONSIBILITIES

I, _____, agree to submit two evaluations of _____'s work
(your name) (intern's name)
throughout the _____ (include the year) semester.

CONFLICT OF INTEREST ACKNOWLEDGEMENT

I, _____, certify that I am not a relative of _____ and have no
(your name) (intern's name)
other conflicts of interest that would impede my ability to evaluate fairly and accurately this student's work as an intern. I certify that the above information is accurate, that I am in good understanding of my responsibilities as an internship supervisor, and that I am capable of evaluating the intern in good faith.

SUPERVISOR'S SIGNATURE _____ DATE _____