



PSYCHOLOGY DEPARTMENT

BUFFALO STATE • The State University of New York

Major Guide to Psychology

2023-2024

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For Psychology students entering in the Fall 2015 semester or later

DEPARTMENT OF PSYCHOLOGY

SUNY Buffalo State

BACKGROUND INFORMATION

We hope that the information that follows will answer most of your questions about psychology and help you to create a realistic expectation of our program.

DEFINING PSYCHOLOGY

Because psychology spans such a broad subject area, it is not easy to give a simple definition that covers everything. A common definition of psychology is “the scientific study of behavior”. The term “scientific” here refers to the fact that psychologists get their information by watching what actually goes on in the world; they do not simply sit back in their armchairs and speculate about what might be true. Psychologists deal with objective information, with facts that can be counted, measured, and checked against one another. The term "behavior" in the definition means that psychologists are interested in observing the activity of living creatures. All kinds of activity, from eating to dreaming to the solving of problems, are included. Psychology is not limited to the study of human beings; all kinds of living creatures are included too. If you take courses in psychology, you may also take courses devoted to the study of animal behavior and what it implies about humans.

Even this very broad definition does not cover adequately all of psychology. Some work in psychology, for example Clinical Psychology, stresses changing behavior rather than simply studying it. Other areas of psychology may study endocrine nerve functions in addition to behaviors like talking or crying, etc. Perhaps the only way to completely describe the field is to say that *Psychology is what Psychologists do*.

What Psychology is and is not

- Psychology uses scientific methods to study behavior.
- There is nothing mystical about psychology. Theory and research play a critical role in the work of psychologists.
- The behavior studied may be human, or animal, typical or atypical.
- Providing therapy is just one of the jobs psychologists perform. Among other things that psychologists do is conduct research, teach, consult with industry and government, and do program evaluations.
- Psychologists are *NOT* the same as Psychiatrists. While their work sometimes overlaps, a Psychologist has a PhD, or a PsyD while a Psychiatrist goes to medical school, earns a MD degree and finishes a psychiatry residency.
- Psychology is *NOT* about mind control or brainwashing.
- Studying psychology will *NOT* by itself solve your psychological problems, nor help you solve the problems of your friends and family.

THE PSYCHOLOGY DEPARTMENT

OUR VISION

Our vision is to identify creative and empirically-supported strategies to continually support and promote quality undergraduate education in psychology with a focus on enhancing ongoing development of meaningful faculty-student engagement in the classroom, scholarship, and applied experiences. This is accomplished in an environment that encourages faculty development, scholarly activity, and contribution to the field of psychological science.

OUR MISSION

The mission of the Psychology Department at Buffalo State University is to nurture and advance an academic environment that:

- promotes the study of psychology as a behavioral science through a critical inquiry into the core content of the discipline and its application and
- supports scholarly activity which contributes to the discipline.

We recognize the diversity of students' interests and needs by providing our majors with an unparalleled comprehensive curriculum, offering an array of individualized learning experiences, and serving students from related majors.

Our department is strongly committed to quality *undergraduate* education. We purposely have chosen not to develop a graduate program so as to dedicate all of our efforts to undergraduate students. Our programs, courses, physical facilities, and equipment are designed with the undergraduate in mind. **In fact, we provide undergraduate students with opportunities and experiences that many other departments reserve for graduate students only, including teaching assistantships, internships, and research involvement.**

Our department's approach to psychology is both theoretical and empirical, where the emphasis is on training in laboratory and field research methods. Our facilities are remarkably well equipped for involving the undergraduate student in research experiences. Several courses have laboratory sections associated with them, and students are always encouraged to actively involve themselves in the investigation of their own research ideas. We have a vibrant faculty of active scholars who are committed to undergraduate education. Many, if not all, faculty members actively work on research projects and grants.

The multitude of research and educational opportunities for students are described below.

THE PSYCHOLOGY DEGREE PROGRAMS AT BUFFALO STATE

Our Psychology Department offers **B.A.** and **B.S.** Degrees for the student majoring in psychology. One degree is not "better" than the other. The two degrees are designed to fit different student needs. Nearly all our students receive B.A. Degrees. Note that the way we have structured our major you automatically fulfill the Intellectual Foundation Writing requirement by taking PSY 450 and PSY 472.

The B.A. Degree requires 39 hours in psychology. We also offer an *Honors B.A. Degree* for those students who qualify. B.A. students receive a scientifically-oriented undergraduate preparation in psychology that qualifies them to seek entry to graduate school or professional school, or to apply for jobs that require liberal arts training.

The B.S. Degree is designed for that handful of students who have well defined specialized career interests in specific areas. The B.S. seeks to promote a special mentorship relationship between the student and the faculty member in the area of specialization. Specialty areas are:

- biological psychology
- clinical psychology
- environmental psychology
- industrial/organizational psychology
- psychology of aging
- psychology of infancy

Depending on which specialty track, the B.S. requires 42 to 45 hours of psychology courses. Students in these programs receive a solid undergraduate preparation in psychology as well as at least nine hours of coursework in their specialty area. We also offer an *Honors B.S. Degree* for those students who qualify.

Enrolling in the B.S. Degree Option. To enroll in any of the B.S. Degree specialties you must have a faculty sponsor and obtain the approval of the department's faculty. You must first be enrolled as a B.A. major before they can apply for the B.S. Degree programs. Students must be accepted into the B.S. program no later than the start of their senior year. **See your advisor.**

THE CURRICULUM

All Psychology Majors are *required* to take FIVE core courses (PSY 101, 350, 450, 471, 472). Introduction to Psychology (PSY 101) is the prerequisite for all other psychology courses. This introductory course examines research methods, principles of learning, sensation and perception, normal and abnormal personality, motivation, emotion, frustration, conflict, development, the biological bases of behavior, testing and social behavior. **YOU MUST PASS THIS COURSE WITH A GRADE OF "C" OR BETTER TO BE A PSY MAJOR.**

Although not required, it is highly recommended that students take Psychological Science Fundamentals (PSY 250) in their first or second year in order to better prepare for taking PSY 350 Statistics and PSY 450 Research Methods. PSY 250 is an overview of the science of psychology and includes topics such as how to be successful as a psychology major, language and structure of research as a process of scientific inquiry, analysis and evaluation of research articles, fundamentals of writing in the discipline, careers in psychology and ethical principles. PSY 101 (with at least a grade of C) is the prerequisite for PSY 250. Transfer students may take PSY 250 and PSY 350 or PSY 450 concurrently with instructor permission.

Typically in their second or third year, Psychology Majors take *in sequence* 3 hours of Statistics (PSY 350 – note: this course was formerly numbered as PSY 306) and 3 hours of Research Methods (PSY 450). **YOU MUST GET A GRADE OF C OR HIGHER IN STATISTICS (PSY 350) TO TAKE RESEARCH METHODS (PSY 450).** These courses provide the student with a foundation in the methods of psychology. Majors are also required to take a course on the History and Systems of Psychology (PSY 471). The final course required of the major is Seminar on Psychology (PSY 472) in which students get the opportunity to study and discuss in depth a topic of special interest in psychology.

Our required PSY 450 and PSY 472 courses are infused to meet the university's writing, information management and critical thinking emphasis. Students also take *elective* courses in psychology. They are selected by advisement according to the curriculum outlined below. Other than PSY 101 Introduction to Psychology and PSY 350 Statistics, there is no minimum grade requirement for our required or elective psychology courses, other than passing the course. But remember to graduate as a Psychology Major you need at least an overall 2.0 average in the major.

PSYCHOLOGY DEPARTMENT LEARNING OUTCOMES

In developing the Psychology Major, the Department specifically defined eight learning outcomes for students. They are derived from the American Psychological Association's (APA) defined learning outcomes for undergraduate students, and reflect the professional and national consensus of the core learning outcomes. Our major requirements and our courses are designed to address these outcomes. These are the outcomes we want our students to meet or exceed after they complete the major:

- Students will demonstrate an understanding of the major historical schools of thought and approaches in psychology.
- Students will demonstrate mastery of APA technical report writing.
- Students will be prepared for careers related to psychology or graduate studies.
- Students will be able to select and critically evaluate existing literature in a given topic area of psychology.
- Students will demonstrate the ability to generate a scientific hypothesis in a given area of psychology.
- Students will demonstrate the rudimentary skills to design and implement research to test scientific hypotheses.
- Students will be able to apply appropriate statistical techniques for a given research design.

- Students will demonstrate the ability to apply valid conclusions based on topic area, hypothesis, review of literature, and study outcomes.

These outcomes help define what we expect from you and what you should expect to receive from us during the course of your study here.

For Non-Majors. The department offers a Minor in Psychology (see Minor Curriculum section in this guide). To declare a Psychology Minor, see the Psychology Department Chair. We are proud to offer a broad variety of elective courses that serve various other majors on campus. *We invite all students to take our courses that complement their academic and career plans.*

Academic Misconduct

As stipulated in the university's Directory of Policies, "...all students at the university are expected to display honesty and integrity in completing course requirements and following university academic regulations. Academic misconduct refers to any form of plagiarism or cheating on examinations or assignments, and is inconsistent with the aims and goals of Buffalo State University."

We take academic misconduct very seriously in the Psychology Department, not only cheating on exams but plagiarism. As defined on the E. H. Butler Library web page: "...plagiarism is the submission or presentation of work, in any form, that is not one's own, without acknowledgment of the sources....When you use another person's words or ideas without clearly acknowledging the source of your information and giving proper credit, you are committing plagiarism. You must provide appropriate citations for all quotations, summaries, paraphrases, or any other work that is borrowed from others." (<http://library.buffalostate.edu/home/citationhelp>)

Familiarize yourself with what is plagiarism and how to avoid it. If you have any questions, it is your responsibility to check with the course instructor before you hand in your paper or do a presentation. The library also offers style guides to help give proper credit to the work being citing. Faculty members may use the web-based service Turnitin, to detect plagiarism.

B.A. DEGREE CURRICULUM (39 credit hours)

A. Required Courses (15 credits)

PSY 101 Introduction to Psychology (*Note: majors must receive a grade of C or higher*)

PSY 350 Statistics in Psychological Research (*formerly PSY306; Prerequisites: PSY101 with at least a grade of C, at least sophomore status, Completion of university Mathematics/Quantitative Reasoning requirement – Note: this includes MAT options only and at the MAT114 level or higher*)

PSY 450 Research Methods (*Prerequisite: PSY 350 with a grade of C or better*)

PSY 471 History and Systems of Psychology (*Prerequisite: PSY 101 with a grade of C and 6 additional hours of Psychology*)

PSY 472 Seminar on Psychology (*Prerequisite: PSY 450*)

** SPECIAL NOTE: Although not required, it is recommended that students take PSY 250 Psychological Science Fundamentals prior to taking PSY 350 Statistics as preparation for that course. Transfer students may take PSY 250 and PSY 350 concurrently with instructor permission.*

B. Content Courses (15 credits)

Students must choose 1 course each from groups A, B, C, D and E. *The prerequisite for all 300-level courses is PSY 101 with grade of C or better, unless otherwise noted.*

a. Biological and Cognitive Psychology

PSY 304 Learning: Theory and Research

PSY 308 Sensation and Perception

PSY 321 Comparative Animal Behavior

PSY 330 Psychological Power of Language

PSY 333 Brain and Behavior

PSY 340 Cognitive Psychology

b. Social/Personality Psychology

PSY 311 Personality: Theory and Research

PSY 325 Social Behavior

c. Developmental Psychology

PSY 301 Perspectives on Child Abuse and Advocacy

PSY 327 Adult Development and Aging I

PSY 355 Life-Span Developmental Psychology

PSY 356 Child Development

PSY 357 Adolescent and Young Adult Development

d. Clinical Psychology

PSY 392 Abnormal Psychology (*Prerequisite: PSY 101 with a grade of C or better and 3 additional hours of psychology*)

PSY 393 Abnormal Child Psychology (*Prerequisite: PSY 101 with a grade of C or better and 3 additional hours of psychology*)

e. Applied Psychology and Diversity

PSY 365 Psychology in the Workplace

PSY 367 Organizational Psychology

PSY 370 Environmental Psychology I

PSY 375 Forensic Psychology

PSY 376 Health Psychology

PSY 381 Psychology of Culture

PSY 382 Psychology of the Consumer

PSY 383 Psychology of Human Sexual Behavior

PSY 384 Psychology of Human Aggression

PSY 387 Psychology of Gender

PSY 388 Death and Dying

C. Advanced and Elective Courses by Advisement (9 credits)

Three additional courses (9 credits) are required. At least two courses must be at the 400-level. One course from the following list may count toward the major: PSY 488, PSY 495, PSY 496, PSY 498, PSY 499.

TOTAL REQUIRED CREDITS.....	39
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B.S. DEGREE CURRICULUM (39-42 credit hours)

A specialized B.S. Degree is offered in the following concentrations:

- biological psychology
- clinical psychology
- environmental psychology
- industrial/organizational psychology
- psychology of aging
- psychology of infancy

The B.S. program is designed for a very limited number of students who seek an intensive preparation in one of the above areas. Emphasis is placed upon intensive practicum work and independent study. Students have the opportunity to work with a faculty mentor.

Admission Requirements:

1. The student must be enrolled in the B.A. degree program and be in good academic standing at the university before they can apply to the B.S. program.
2. The student applying for the B.S. must have received at least a grade of B in the first course of the required sequence of B.S. courses
3. For guidance in the application process, all potential B.S. applicants must meet with the faculty coordinator for the specialized B.S. concentration in which they are interested.
4. The individual faculty member must then formally sponsor the student.
5. The student must be able to complete a minimum of one academic year of supervised work with the faculty sponsor in the B.S. program prior to graduation.
6. Final approval of acceptance into the B.S. program is based on approval of the candidate by the Psychology Department.

Total Required Credits for Specialized B.S. Degree in Psychology (39-42 credits)

Required Courses for all B.S. Psychology Degrees (18 credits)

PSY 101 Introduction to Psychology	3
PSY 350 Statistics in Psychological Research (Formerly PSY 306).....	3
<i>(Prerequisites: PSY101 with a grade of C or higher, at least sophomore status, Completion of university Mathematics/Quantitative Reasoning requirement – Note: this includes MAT options only and at the MAT114 level or higher)</i>	
PSY 450 Research Methods (<i>Prerequisite PSY306 with a grade of C or higher</i>).....	3
PSY 471 History and Systems of Psychology	3
PSY 472 Seminar on Psychology (<i>Prerequisite PSY450</i>)	3
PSY 499 Independent Study	3
OR	
PSY 495 Project	
OR	
PSY 488 Internship	

In addition, students are required to complete one of the following concentrations (21-24 credits). Note that at least two of the elective psychology courses for each concentration must be at the 400 level (excluding the courses listed above).

Biological Psychology B.S.

Required Courses	18
Biological Psychology Concentration Courses (24 credits) <i>(take 5 of the following 7 courses by advisement)</i>	
PSY 304 Learning: Theory and Research	3
PSY 308 Sensation and Perception	3
PSY 321 Comparative Animal Behavior	3
PSY 376 Health Psychology	3
PSY 421 Physiological Psychology	3
PSY 441 Introduction to Neuropsychology	3
Elective Courses selected by advisement	9
TOTAL REQUIRED CREDITS	42

Clinical Psychology B.S.

Required Courses	18
Clinical Psychology Concentration Courses (24 credits)	
PSY 311 Personality: Theory and Research	3
PSY 392 Abnormal Psychology	3
PSY 480 Psychotherapy: Theory, Research, and Procedures	3
PSY 481 Psychological Tests and Measurements.....	3
Elective courses selected by advisement	12
TOTAL REQUIRED CREDITS	42

Environmental Psychology B.S.

Required Courses	18
Environmental Psychology Concentration Courses (24 credits)	
PSY 370 Environmental Psychology I.....	3
PSY 470 Environmental Psychology II	3
Elective courses selected by advisement	18
TOTAL REQUIRED CREDITS	42

Industrial/Organizational Psychology B.S.

Required Courses	18
Industrial/Organizational Psychology Concentration Courses (24 credits)	
PSY 365 Psychology in the Workplace	3
PSY 367 Organizational Behavior.....	3
PSY 466 Personnel Psychology	3
Elective courses selected by advisement	15
TOTAL REQUIRED CREDITS	42

Psychology of Aging B.S.

Required Courses	18
Psychology of Aging Concentration Courses (21 credits)	
PSY 327 Adult Development and Aging I.....	3
PSY 355 Life-Span Developmental Psychology.....	3
PSY 427 Adult Development and Aging II	3
Elective courses selected by advisement	12
TOTAL REQUIRED CREDITS	39

Psychology of Infancy B.S.

Required Courses	18
Psychology of Infancy Concentration Courses (21 credits)	
PSY 355 Life-Span Developmental Psychology or PSY 356 Child Development.....	3
PSY 415 Competent Infant	3
PSY 417 Atypical Infant.....	3
Elective courses selected by advisement	12
TOTAL REQUIRED CREDITS	39

HONORS DEGREE IN PSYCHOLOGY CURRICULUM (+3 credit hours)

Departmental honors are for students who are performing exceptionally well in their courses. The Departmental honors designation is an adjunct to either the B.A. or B.S. degree with an added emphasis on independent work, and requires that students conduct a comprehensive original research project under the supervision of a faculty mentor for an additional 3 credits added to the existing BA or BS requirements.

Special Admission Requirements

A 3.5 cumulative average in psychology with a minimum of 24 hours in psychology taken at Buffalo State is required. Transferred courses will be considered for credit toward a student's psychology requirements, but the grades from these courses will not be used in computing the cumulative average. A 3.25 cumulative average in all courses taken at Buffalo State is also a requirement. *If you are interested in an Honors Degree in Psychology, see your faculty advisor.*

B.A. Honors Degree

A 42 credit sequence of courses is required for the B.A. Honors Degree in Psychology. In addition to the required psychology courses and elective courses in psychology selected by advisement that are part of the B.A. degree curriculum (see above for B.A. degree curriculum) students also must take:

PSY 496 Honors Thesis (3 credit hours)

PSY 498 Honors Thesis II (3 credit hours)

PSY 496 may be used as a psychology elective course and PSY 498 is an additional required course.

Total required credit hours in Psychology for B.A. Honors Degree	42
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B.S. Honors Degree

A 42-45 credit sequence of courses is required for the B.S. Honors Degree in Psychology. In addition to the required psychology courses and the courses in the B.S. degree concentrations, *i.e., biological psychology, clinical psychology, environmental psychology, industrial/organizational psychology, psychology of aging and psychology of infancy* (see above for list of courses for each B.S. degree concentration), students also must take:

PSY 496 Honors Thesis (3 credit hours)

PSY 498 Honors Thesis II (3 credit hours)

PSY 496 and PSY 498 may be substituted, where applicable, for an elective course for the B.S. degree.

Total required credit hours in Psychology for B.S. Honors Degree	42
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Minor in Psychology

The field of psychology is broad and relevant to a variety of disciplines. The minor is offered for those students who wish to follow a systematic plan of study in psychology while completing a major in another department. Specifically, the minor is designed to give students a broad background in psychology. As designed, the minor is flexible and should meet the needs of many students. Accordingly, students should seek advisement to determine what courses would best suit their own particular interests and needs. To fulfill the requirements of the minor, students will be required to take 21 hours in psychology to be distributed in the following manner:

A. Required Course (3 credits)

- PSY 101 - Introduction to Psychology (you must achieve at least a grade of C to be a PSY minor)

B. Electives selected by advisement

1. Students must choose at least one course from **each** of the following **three** areas (9 credits). *The prerequisite for all 300-level courses is PSY 101 with grade of C or better, unless otherwise noted.*

a. Bio/Cognitive Psychology

- PSY 304 - Learning: Theory and Research
- PSY 308 - Sensation and Perception
- PSY 321 - Comparative Animal Psychology
- PSY 330 – Psychological Power of Language
- PSY 333 – Brain and Behavior
- PSY 340 - Cognitive Psychology

b. Social/Developmental Psychology

- PSY 325 - Social Behavior
- PSY 327 - Adult Development and Aging I
- PSY 355 - Life-span Developmental Psychology
- PSY 356 - Child Development
- PSY 357 - Adolescent and Young Adult Development
- PSY 370 - Environmental Psychology I

c. Clinical/Applied Psychology

- PSY 311 - Personality: Theory and Research
- PSY 365 - Workplace Psychology
- PSY 367 - Organizational Psychology
- PSY 375 – Forensic Psychology
- PSY 376 - Health Psychology
- PSY 392 – Abnormal Psychology (Prerequisite: PSY 101 with a grade of C or better and 3 additional credits of psychology)
- PSY 393 – Abnormal Child Psychology (Prerequisite: PSY 101 with a grade of C or better and 3 additional credits of psychology)

2. Students must complete three additional courses at the 300- or 400-level. At least one of these courses must be at the 400-level. (9 credits)

TOTAL REQUIRED CREDITS 21

Note: PSY 350 - Statistics in Psychological Research and PSY 450 – Research Methods are highly recommended for students planning to go to graduate school in Psychology or a related field.

Child Advocacy Studies Training (CAS) Certification

Child Advocacy Studies Training (CAS) is a nationally recognized curriculum to train students how to effectively address child abuse and neglect in real world applications through Multidisciplinary Team coordination. At SUNY Buffalo State, CAS is a three-course certificate program designed to prepare undergraduate students from a variety of disciplines to recognize and respond to child abuse and neglect.

Required Courses (9 credit hours):

CAS 301/PSY 301: Perspectives on Child Abuse and Advocacy

Prerequisites: Junior or senior status; PSY 101 or CRJ 101 or SWK 220 or EXE 100 or Instructor permission

Introduction to child advocacy studies from a variety of diverse, professional perspectives. History, responses to child maltreatment, skills necessary to successfully conduct child advocacy, and other issues pertaining to child maltreatment and advocacy. Designed for students majoring in criminal justice, education, social work, sociology, psychology, or other areas where knowledge of child maltreatment and advocacy might be beneficial. Offered once a year during the fall semester.

CAS 302 Global Child Advocacy Issues

Prerequisites: CAS 301 or PSY 301

Fulfills IF Diversity requirement

Issues related to the lives of children in countries around the globe and immigrant and refugee children locally. Multidisciplinary approaches to advocacy with these populations. Designed for students majoring in criminal justice, education, psychology, social work, sociology, or other areas where knowledge of child maltreatment and advocacy might be beneficial. Offered once a year during the spring semester. This course may have a Service-Learning component and may require off-site engagement with the community during the semester.

CAS 401 Professional and Systemic Approaches to Child Abuse and Maltreatment

Prerequisites: CAS 301 or PSY 301, Junior/Senior standing

Child abuse and maltreatment including knowledge and skills identifying, investigating and prosecuting child abuse. Systems involved in responding to child abuse/maltreatment. Child witnesses, civil and criminal child protection cases. Offered once a year during spring semester. Please note this course will likely include guest speakers and off-site tours.

COMPREHENSIVE LIST OF PSYCHOLOGY COURSES

Credits

The prerequisite for all courses beyond Introduction to Psychology is PSY 101 with grade of C or better.

Additional prerequisites are listed in parentheses.

PSY 101	Introduction to Psychology	3
PSY 250	Psychological Science Fundamentals	3
PSY 120	Positive Psychology: Happiness, Hope, and Humor	3
PSY 205	Independent Reading	1
PSY 295	Research Experience in Psychology	1-3
PSY 301/CAS 301	Perspectives on Child Abuse and Advocacy	3
PSY 304	Learning: Theory and Research [¶]	3
PSY 308	Sensation and Perception	3
PSY 311	Personality: Theory and Research	3
PSY 321	Comparative Animal Psychology	3
PSY 325	Social Behavior	3
PSY 327	Adult Development and Aging I	3
PSY 330	Psychological Power of Language	3
PSY 333	Brain and Behavior	3
PSY 340	Cognitive Psychology	3
PSY 350	Statistics in Psychological Research (<i>Math/Quantitative Reasoning Requirement: MAT114 or higher</i>)	3
PSY360	Evaluating Psychological Science (PSY 350)	3
PSY 355	Life-Span Developmental Psychology	3
PSY 356	Child Development	3
PSY 357	Adolescent and Young Adult Development	3
PSY 365	Psychology in the Workplace	3
PSY 367	Organizational Behavior	3
PSY 370	Environmental Psychology I	3
PSY 375	Forensic Psychology	3
PSY 376	Health Psychology	3
PSY 381	Psychology of Culture [¶]	3
PSY 382	Psychology of the Consumer	3
PSY 383	Psychology of Human Sexual Behavior	3
PSY 384	Psychology of Aggression	3
PSY 385	Psychology of Personal Adjustment	3
PSY 387	Psychology of Gender	3
PSY 388	Psychology of Death and Dying	3
PSY 392	Abnormal Psychology (Formerly PSY 411; <i>Prerequisite: 3 additional hours of psychology</i>)	3
PSY 393	Abnormal Child Psychology (Formerly PSY 416; <i>Prerequisite: 3 additional hours of psychology</i>)	3
PSY 412	Community Psychology (<i>3 additional hours of psychology; PSY 392 recommended</i>)	3
PSY 415	The Competent Infant (<i>PSY 355 or PSY 356</i>) [¶]	3
PSY 417	Atypical Infant (<i>PSY 355 or PSY 356</i>) [¶]	3
PSY 421	Physiological Psychology (<i>3 additional hours of psychology</i>)	3
PSY 423	Psychology and Physiology of Eating	3
PSY 427	Adult Development and Aging II (<i>PSY 327</i>)	3
PSY 430	Psycholinguistics: Language Structures and Processes (<i>PSY 330 or PSY 340</i>)	3
PSY 432	Human Motivation and Emotion (<i>PSY 304 or PSY 376</i>)	3
PSY 441	Introduction to Neuropsychology (<i>3 additional hours of psychology</i>)	3
PSY 440	Addictive Behaviors (<i>PSY 392; PSY 311 recommended</i>)	3
PSY 450	Research Methods (<i>PSY 350 with a grade of B- or better</i>)	3
PSY 458	Advanced Research Methods in Psychology (PSY 450)	3
PSY 460	Professional Skills in Psychology (PSY 360)	3
PSY 466	Personnel Psychology (<i>PSY 365 and PSY 367</i>)	3
PSY 471	History and Systems of Psychology (<i>9 additional hours of psychology</i>)	3
PSY 472	Seminar on Psychology (<i>PSY 450</i>)	3
PSY 480	Psychotherapy: Theory, Research, and Procedures (<i>PSY 311 or PSY 392</i>)	3
PSY 481	Psychological Test and Measurements (<i>PSY 350</i>)	3
PSY 488	Internship (<i>See Internship Coordinator</i>)	3-6
PSY 495	Independent Project	1-3
PSY 496	Honors Thesis I	3
PSY 498	Honors Thesis II	3
PSY 499	Independent Study	3-6

[¶] **NOTE: Service-Learning Courses**

ADVISEMENT

Advising is a process where you and your faculty advisor work together to plan your future, not just your schedule.

Advising is not a meeting where we pick your courses for you. Instead, we have an open-door policy where you can make appointments throughout the year to discuss issues relevant to careers, graduate school etc. We will help make sure you have the right courses on your path to graduation, but we also want to make sure you have the appropriate experiences that will help you achieve your future/career goals.

The university has two systems in place: **Degree Works**, which generates student audit sheets (a list of the courses a student has taken and the degree requirements that have been met), and **Banner**, which is the on-line course registration system. Both of these systems empower and involve the student in the advisement and registration process.

The advisement process is not about finding out if a course is "easy" or interesting. We assume that our majors can read the catalog and are familiar with the university and department's requirements for graduation. Advisement is so much more. It is about helping you with your career choices and making your academic plan as a Psychology Major. It is about whether graduate school is the best path for you and how to apply. It is about helping you decide whether you should apply for a B.S. in Psychology, whether you should do an internship or an independent study, if doing an Honors Thesis is for you, or what psychology elective courses best prepare you for your career choice. **Do not wait until registration before you get to know your advisor.**

Freshman and Sophomore Students

All incoming first and second year students are assigned a professional advisor in Academic Commons. For first semester **incoming freshman** students, courses are selected for you by the professional advisor. For all others, you will work with your advisors to plot out your courses. The professional advisors are also available to help you with learning and understanding how various systems (e.g. Degree Works, Banner, Brightspace) and are also a great source to help you find and utilize resources on the campus and community (e.g. tutoring).

All students are also assigned a faculty advisor who is a full-time faculty member in our department. You are free to make an appointment to speak with your faculty advisor to talk about your academic needs and requirements, and to help plan your future in the discipline..... who better to advise you about Psychology than the faculty in Psychology.

Freshman students are advised to take PSY 101 (Introduction to Psychology) in their first semester. This is the prerequisite for all other psychology courses offered by the department. Once the student has taken this course and passed these with a grade of C or better. PSY 250 is a good choice for first year students in your second semester in order to help prepare for the scientific elements of our degree.

It is highly recommended that **sophomore students** begin meeting with their faculty advisors to best prepare you for your longer-term academic plans.

Juniors

By your junior year, you will be developing more specific questions about which opportunities are best for you and how to plan for life after university. You should make at least one appointment to meet with your faculty advisor each semester.

Seniors

By your senior year, advising questions are very individualized. You should meet with your faculty advisor every semester to plan for your future and to make sure that you are on track to graduate.

Tips for Transfer Students

If you have taken the equivalent of PSY 101, you should probably register for PSY 350 (Statistics) during your first semester on campus, unless you have taken a similar course elsewhere, or unless you are transferring fewer than 60 credits. PSY 350 is the prerequisite to the PSY 360 (Evaluating Psychological Science) in the BA program and for 450 (Research Methods) in the BS program. Please refer to the university catalog for the prerequisites for all other psychology courses.

A minimum of four semesters is usually necessary for the transfer student to complete the psychology major requirements. Transfer students wishing to graduate in fewer than four semesters should consult an advisor in the Psychology Department or speak with the Psychology Department Chair.

Tips on Transferring Psychology Courses from Other Institutions

Students transferring from other schools usually receive credit for many of the courses they have taken in psychology. The Admissions Office evaluates all transfer courses and places them on the Degree Works audit sheet. All questions regarding the specific transfer of courses from your previous institution should be addressed to the Admissions Office.

If a course has no exact equivalents in our department or courses that do not fit into the psychology elective portion of our program will be used by the student as "All College Electives". These are usually designated at PSY1XX on the Degree Works audit sheet. This may happen similarly for courses that have not been shown to align with the specific requirements of our courses (this is typical of courses like statistics and research methods). In this case, a student can file a transfer credit appeal which would require the specific syllabus from the course taken at the other institution to demonstrate equivalence. To begin this process please see the Department Chair.

Tips for Buffalo State Students Taking Psychology Courses at other Institutions

If you are a student at Buffalo State University and you want to take psychology courses at another institution, you, in some cases, can receive credit for them, but it is your responsibility to get permission **before** you enroll in these courses. See the Psychology Department Chair to get a signed permission form. If you do not get permission, there is a chance that the course may not transfer in and be counted.

A Couple of Tips for Everyone

While we realize that students have responsibilities outside of academic, such as families and jobs, as a rule of thumb, students taking a psychology course should spend a minimum of three to four hours working on coursework outside of class for every hour spent in class.

Always make sure you read the course syllabus carefully at the start of each course. The syllabus is the contract between you and the instructor. It tells you what to expect from the course, course requirements and deadlines, and the grading and attendance policies.

BECOMING A MEMBER OF THE DEPARTMENT

The Psychology Department recognizes the importance of establishing and maintaining a sense of “community”, and we work hard to help students feel that they are an integral part of this community. As such, we have continued to make a concerted effort to enhance the “out-of-classroom” environment for our students.

The secret to success is *get involved!* The following are some of the departmental activities that are available to you:

STUDENT CLUBS

- **Psychology Club.** The Psychology Club is open to all students with an interest in psychology. It provides a primary vehicle for students to get involved in the social and academic life of the Psychology Department. Activities of the Club include sponsorship of: **Speakers Series**, field trips, "get acquainted" meetings, and fundraising activities. Club members are invited to provide feedback on faculty recruitment and promotion. The club is officially recognized as a student association by the Faculty Student Association of the university. A faculty advisor is assigned to the Club to provide supervision. *Dr. Naseralla is the advisor for 2023-2024.*
- **Psi Chi Honorary Society.** This is the international honorary society in psychology. The chapter is actively involved in the department and coordinates its activities with the Psychology Club. Psi Chi members are invited to provide feedback on faculty recruitment and promotion. Members of Psi Chi informally sponsor a Psychology Tutoring program. Recruitment to Psi Chi is by invitation. A faculty advisor is assigned to Psi Chi. *Dr. Kamper-DeMarco is the Advisor for 2023-2024.*
- **Child Advocacy Club** is a student club that is open to all majors/disciplines, and is focused on promoting events and connecting those interested in child advocacy issues. *See Dr. Pamela Schuetze.*
- **Psychology Students Interested in Community Outreach (PSICO)** is a charity drive run by the club members that helps disadvantaged families in the surrounding Buffalo State University neighborhood. *See Dr. Jean DiPirro.*

INTERNSHIPS

- **PSY 488 Internship Program.** Students with a more applied focus can approach faculty members for sponsorship of an internship. Internships and internship sites are varied and reflect faculty breadth and student interests. Internship sites include community and clinical agencies, schools, and businesses. The internship is designed to provide a blend of practical experience and academic rigor. Students placed in an applied setting receive supervised practical experience from the on-site supervisor. The student is also required to meet with the faculty sponsor on a regular basis and to write a scholarly paper related to the content area of their internship. A faculty member is designated as an Internship Coordinator. The Internship Coordinator oversees the supervision of students in their respective internship sites and recruits new potential community sites for the internship program. The Internship Coordinator also teaches a mandatory Internship Seminar for all interns which deals with the general issues involved in applied psychology (e.g., confidentiality), and the professional experiences common to all the students enrolled in the internship program for a given semester. *For 2023-2024, the Coordinator is Dr. Kamper-DeMarco.*
- **Teaching Internships.** The department provides interested students with a "teaching" internship aimed at helping students acquire teaching skills and learn more effective ways of organizing, preparing and presenting material. This internship is linked to a specific course being taught, and is especially germane to students planning to go to graduate school.

STUDENT RESEARCH OPPORTUNITIES

- **Faculty Supervised "Research Teams"**. One outgrowth of the independent study and independent project activities of faculty and students is the development of "home grown" research teams by several faculty members. This reflects the intensity of faculty and student interest in the major and in cultivating an active research program. Students with an interest in a particular topic area of psychology have historically gravitated toward faculty members for independent studies/projects. The "research team" idea takes this one step further. Under the tutelage of the faculty member, students with similar interests form a team to study a research area in a systematic and on-going basis. This activity fosters a "research tradition" among students at different stages in their major. The research teams foster a disciplined, programmatic study of a research question and develop an *esprit de corps* among students and faculty. Students have the experience of participating in all the facets of the research process, from the development of an idea to the write up of results.
- **PSY 295/495 Independent Project**. Students can also work with faculty on their research projects for credit. The Independent Project allows students to gain valuable experience individually or in groups, while assisting in an ongoing research project on a number of levels – particularly data collection, analysis, and presentation. Independent Projects range from 1-3 credits depending on the level of student involvement. are extensively involved in research work via Independent Study.
- **PSY 499 Independent Study**. Students are extensively involved in research work via Independent Study. These research experiences provide an important "personal touch" for the Psychology Major. They also provide a cost-effective opportunity for students to learn advanced content and methods of psychology and to gain valuable "hands on" experience. The research experiences are designed to be flexible and to optimize the match between faculty and student interests. These research experiences have spanned the continuum of basic and applied research. Student research is conducted either in the laboratory or within the Buffalo Niagara Region. These research projects often result in "products" for students, such as presentations at regional and national conferences, or publication of articles in peer reviewed journals. Students are encouraged during advisement and in classes to approach faculty members with a research idea or merely with their desire to become involved in research.
- **PSY 496 Honors Thesis I and PSY 498 Honors Thesis II** . This experience is much like an independent study, but at a higher level of commitment and production. These are focused on allowing students to pursue their own research questions across two semesters which provides for greater depth of investigation and analyses. The thesis project must be approved by a faculty mentor and involves input from a committee of Psychology faculty members. This is similar to the process involved in a graduate school research project.

HONORS

- **Departmental Honors in Psychology**. The department responds to the needs of our high achievement students through its B.A. and B.S. Honors Degrees in Psychology. The Honors Degree in Psychology requires a two-semester experience that culminates in the student writing and defending an honors thesis. The first semester (PSY 496) is devoted to developing a research proposal and the second semester (PSY 498) focuses on conducting and writing up the research. The student's work is directly supervised by a faculty mentor and must receive the approval of an Honors Thesis Committee consisting of faculty in the department. This experience provides an advanced level exposure to the methods and discipline of psychology. Recruitment of students to the Honors Thesis is selective and students must have met the requirements of the Honors Program to be considered (see above).
- **Hulicka Scholars Program**. The Hulicka Scholars program is designed to identify and support high achieving Psychology majors. The goal of the program is to introduce beginning students to the field and to the opportunities in our department and university and then to encourage them to take advantage

of these opportunities throughout their university careers. The program also seeks to build community among these students so that more advanced students will serve as role models for first and second year students. The program is named in memory of Dr. Irene Hulicka, founder of the Department of Psychology and former Dean of Natural and Social Sciences.

All Psychology majors in their second semester and beyond with both a Psychology GPA and overall GPA of 3.5 or higher will be invited to apply.

For more information, please see the department website or speak with any faculty member.

OTHER STUDENT EXPERIENCES

- **Tutorial Program.** Many of our higher achieving students serve as tutors through the university tutoring program.
- **Workshops and Informational Meetings.** Each semester there are a series of workshops and meetings sponsored by the Psychology Department, in conjunction with Psi Chi and the Psychology Club, for interested majors. At these workshops and meetings faculty present information about various individualized experiences available, e.g., Internships and Independent Study and Departmental Honors, graduate school options, applying to graduate school, taking the GRE examination and career opportunities in psychology and related fields.
- **Annual Majors' Orientation Meeting and Social Hour.** This meeting is held at the beginning of the academic year for the purpose of welcoming and introducing students and faculty, reviewing departmental resources and expectations, distributing informational materials regarding departmental and student services on campus, encouraging students to become active in the department, and, in general, kicking off the beginning of the academic year.
- **Annual Psi Chi Banquet and Departmental Awards Ceremony.** Each spring Psi Chi conducts a banquet to honor the new students who were inducted into Psi Chi during the last year and the newly elected Psi Chi officers. Student nominees and recipients of the department's Outstanding Senior in Psychology Award, Dr. Esther McGinnis Award in Psychology, and Dr. Jack Morganti Award for Excellence in Service are also honored at this function.
- **Departmental Reception in Honor of Graduating Psychology Majors.** This function for students and their families is held each Spring in order to provide a special and personal venue to recognize the accomplishments of our students, visit with one another, and to help build an "esprit de corps" among graduating seniors who will be future alumni.
- **Departmental Student Awards.** The Psychology Department recognizes exceptional student academic performance and contributions to the community by three awards.

The David Vernon Bullough Outstanding Senior in Psychology Award is given each year to the graduating psychology major who reflects a balance of high academic achievement, and departmental involvement and service. Endowed by a former Dean of the Faculty of Natural and Social Sciences, Dr. Vernon Bullough, the award is named in honor of his late son.

The Dr. Esther McGinnis Award in Psychology is made possible by a generous contribution by Mrs. Rhodes in memory of her friend and teacher, Dr. McGinnis who taught at Buffalo State in the 1940s. The annual award recognizes exemplary academic achievement and excellence among the graduating psychology majors.

The Dr. Jack Morganti Award for Excellence in Service was created in honor of the memory of a former faculty member in psychology. Dr. Morganti was dedicated to service and excellence in academics throughout his career. This annual award is given to a graduating senior who has demonstrated excellence in academics and in service to the department, campus, and/or community.

These awards are taken very seriously by both students and faculty and help develop a spirit of excellence among our students. The selection of students for the awards is based on well-publicized and objective criteria, such as grade point average and citizenship, thus ensuring that students view the awards as earned accomplishments.

KEEPING IN TOUCH

- **Department Newsletter.** *The Random Sampler* - The Psychology Department publishes an e-newsletter approximately every two months, edited by Dr. Dwight Hennessy. Articles include scholarly accomplishments of students and faculty, calendar of events, activities of the Psychology Department, book reviews, and information about careers. The newsletter, in addition to serving as an information conduit, helps build a sense of community among students and faculty.
- **Department Web Page.** <http://psychology.buffalostate.edu/>
Dr. Jill Norvilitis is our web master.
- **Department's Facebook Page:**
Psychology at Buffalo State
If you are on Facebook (www.facebook.com), follow us!

WHO WE ARE: FULL TIME FACULTY RESEARCH INTERESTS

BRIAN C. CRONK, PhD Cognitive Psychology, University of Wisconsin – Milwaukee

Research Interests: Technology and teaching, biases in decision making and belief systems. Also, very interested in helping students take their research ideas and design effective methods to study them, analyze them, and present them in a professional manner. Active in CUR (Council for Undergraduate Research).

ROBERT D. DELPRINO, PhD Industrial/ Organizational Psychology, Old Dominion University

Research Interests: Work and family issues, occupational health and workplace stress, the cost and benefit of occupational health initiatives, application of I/O Psychology to law enforcement and emergency service organizations.

JEAN M. DIPIRRO, PhD Behavioral Neuroscience, State University of New York at Buffalo

Research Interests: psychostimulant-induced neural adaptations in neuropeptide neurotransmission in the forebrain and their role in behavioral adaptations associated with psychostimulant use and abuse, experience-induced adaptations in defensive and affiliative behaviors and the underlying neural and hormonal mechanisms mediating these adaptations, peptide and monoaminergic regulation of somatosensory (touch and pain) perception.

STEPHANI FORAKER, PhD Cognitive Psychology, New York University

Research Interests: Relationship between cognition and language, language comprehension, semantic representations used in language processing.

DWIGHT A. HENNESSY, PhD (Chair) Social and Personality Psychology, York University

Research Interests: Aggression, violence, vengeance (including female aggression, driver and workplace aggression), daily hassles, stress & coping (work and driver stress), traffic psychology, scientific racism, gender roles, consumer psychology.

KIMBERLY KAMPER-DEMARCO, PhD Clinical Psychology, State University of New York at Buffalo

Research Interests: development of the forms and functions of aggressive behavior; peer victimization in children and adolescents; peer relationships; self-regulation; developmental psychopathology.

MICHAEL G. MACLEAN, PhD Clinical Psychology, Arizona State University

Research Interests: Etiology and prevention of substance use-related problems, coping and affect, adolescent and young adult development, adolescent homelessness, public beliefs about alcohol dependence.

NAOMI J. MCKAY, PhD Behavioral/Health Psychology, State University of New York at Buffalo

Research Interests: Ingestive behaviors; the effect of water intake on energy intake; the mediating effect of feeding-related hormones on the relationship between water and food; Other external and internal factors that influence our food intake.

EYAD J. NASERALLA, PhD Social Psychology, Saint Louis University

Research Interests: The influence of personal and situational factors (such as reporting, socioeconomic status, race, and sexual orientation) on perceptions of sexual violence victims; beliefs about justice and punishment; responses to social identity threat; prejudice and stereotyping.

JILL M. NORVILITIS, PhD Clinical Psychology, Wayne State University

Research Interests: Emotional competence in children with Attention Deficit-Hyperactivity Disorder, college student debt, cross-cultural issues in ADHD and in student debt.

HOWARD M. REID, PhD Experimental Psychology, University of Maine

Research Interests: Neuropsychology (especially issues related to lateralization, such as handedness, stuttering, creativity and perception), history of psychology and learning/memory.

PAMELA SCHUETZE, PhD Developmental Psychology, Virginia Tech

Research Interests: Development in infants and toddlers, influence of typical and atypical prenatal and early postnatal experiences (especially the effect of prenatal drug exposure and breastfeeding) on behavioral and physiological development.

HOW TO REACH US

Department of Psychology

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Psychology Department Directory

2023-2024

Name	Title	Office <i>(Buckham)</i>	Phone <i>(716)</i>	Email <i>(@buffalostate.edu)</i>
Full Time Faculty				
Dr. Brian Cronk	Professor	A259	878-3127	bcronk
Dr. Robert Delprino	Professor	A247B	878-6669	delprirp
Dr. Jean DiPirro	Associate Professor	A245A	878-4317	dipirrijm
Dr. Stephani Foraker	Associate Professor	A246	878-6027	forakesm
Dr. Dwight Hennessy	Professor & Chair	A238A	878-5532	hennesda
Dr. Kimberly Kamper-DeMarco	Assistant Professor	A239A	878-3421	kamperke
Dr. Michael MacLean	Associate Professor	A265	878-3100	macleamg
Dr. Naomi McKay	Associate Professor	A258	878-3012	mckaynj
Dr. Eyad Naseralla	Assistant Professor	A263	878-6404	naseraej
Dr. Jill Norvilitis	Professor	A261	878-3145	norviljm
Dr. Howard Reid	Professor	A245B	878-4502	reidhm
Dr. Pamela Schuetze	Professor	A239A	878-4022	schuetp
Staff				
Ms. Karen Skoney	Administrative Assistant		878-6215	psychology

SOME MORE THINGS TO KNOW

Pass-Fail System

- a. Students may take one course per semester Pass/Fail.
- b. Basic skills courses or any course required for completion of a major or minor cannot be taken on a Pass/Fail basis.
- c. No more than 24 hours of pass/fail credit may be applied toward a degree.
- d. An instructor may choose to substitute a letter grade for "pass" if they receive the form to do so from the student before the end of the semester.
- e. Applications for Pass/Fail are done online each semester. The university posts deadlines for submitting this form.

Final Exams

All psychology classes meet during the Critique and Evaluation (CEP) Week at the end of the semester. It is a university requirement. Typically, final examinations are given at that time. You can find out when (day and time) your class meets during Critique and Evaluation Week by looking it up in your Undergraduate Course Schedule (the one you use when you register for your classes).

DEADLINES AND TIMETABLES

Every semester there is a deadline for:

- Final Registration
- Late Registration
- Cross Registration
- Schedule Adjustment (Drop Add)
- Independent Study, Independent Project, Internship and Course by Contract
- Undergraduate Degree Application
- E Repeat Notification
- Change of Major
- Pass/Fail
- Registration for Following Semester
- Leave of Absence
- Withdrawal From a Course
- Submission of Incomplete Grades

<i>Check the university web site for these deadlines each semester.</i>

RECOMMENDED TIMETABLE OF COURSES/ACTIONS

FIRST YEAR

- a) In September, meet with your professional advisor in Academic Commons to work out an "academic plan" for yourself.
- b) Begin fulfilling the intellectual foundation Basic Writing and Mathematics/Quantitative Reasoning requirements (unless exempt). The Mathematics/Quantitative must be a MAT course and at the MAT 114 level or higher to count as a prerequisite for PSY 350 (statistics).
- c) Select courses that fulfill the intellectual foundation requirements
- d) Think about taking foreign language (if needed).
- e) Take **PSY 101** (Introductory) Fall semester. You must get a grade of C or higher.
- f) While not mandatory, it is recommended to take **PSY 250** (Psychological Science Fundamentals) in Spring semester.
- g) Take no more than one 300 level PSY course Spring semester based on advisement.
- h) Keep in contact with your advisor.

SOPHOMORE

- a) Take **PSY 350** (Statistics) at least by Spring semester.
- b) Continue taking Psychology **300-Level elective courses**.
- c) Continue fulfilling the intellectual foundation requirements.
- d) Keep in contact with your advisor.

JUNIOR

- a) Take **PSY 450** (Research Methods). Note the prerequisite is completing PSY 350 Statistics with at minimum grade of C.
- b) Finish up **300-level elective PSY** courses and start **400-level PSY** elective courses.
- c) Finish General educations requirements.
- d) Have a preliminary senior degree checklist completed when you are a second semester junior.
- e) Work towards finishing all-college electives.
- f) Keep in contact with your advisor. Discuss Internships, Independent Projects, and Honors Thesis as options, graduate school and career choices.

SENIOR

- a) Finish any outstanding general educations and all-college elective courses.
- b) Finish any outstanding **300-level PSY and 400-level PSY** elective requirements.
- c) Take **PSY 472** (Seminar in Psychology).
- d) Take **PSY 471** (History and Systems).
- e) Apply for graduation. The deadline is very early in the semester, so be sure to be aware.
- f) Keep in contact with your advisor -- make sure a final senior degree checklist is completed and you have met all requirements.

ACADEMIC ROADMAP

PSYCHOLOGY, BA Degree

Fall 2023

Freshman Year (30 credits)

FIRST SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Introduction to Psychology	PSY 101	
University Writing I	CWP 101	
Math/Quantitative Reasoning	MAT 114 or higher	
Minds and Machines <u>OR</u> Ethics for Scientists	PHI 115 OR PH 111	
General education courses		

SECOND SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Psychological Science Fundamentals	PSY 250	PSY 101
University Writing II	CWP 102	
Math/Quantitative Reasoning	MAT 114 or higher	
General education courses		

Notes and recommendations:

1) Minimum grade of C required in PSY 101; 2) Math/Quantitative Reasoning may be taken first or second semester but is limited to MAT courses only and at the level of MAT 114 or higher as the prerequisite for PSY 350 (Statistics); 3) Visit Academic Commons for advisement and/or tutoring; 4) track your degree audit sheet in Degree Works

Sophomore Year (60 credits)

THIRD SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Psychological Statistics	PSY 350	Math/Quantitative Reasoning (see notes)
300-level PSY Electives		
General education courses		

FOURTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
300-level PSY Electives		
General education courses		

Notes and recommendations:

1) Must have at least Sophomore status for PSY 350; 2) PSY 350 can be taken in either THIRD or FOURTH SEMESTER; 3) Must achieve minimum grade of C in PSY 350; 4) Math/Quantitative Reasoning prerequisite for PSY 350 is limited to MAT courses only and at the level of MAT 114 or higher; 5) PSY 250 and PSY 350 may be taken concurrently with instructor permission; 6) consider forming a study group; 7) consider enrolling in a minor or certificate program

Junior Year (90 credits)**FIFTH SEMESTER**

Course Title	Catalog Number	Prerequisite(s)
Research Methods in Psychology	PSY 450	PSY 350
300-level PSY Electives		
400-level PSY Elective		
General education courses (if needed)		
All-College Electives courses		

SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
300-level PSY Electives (if needed)		
400-level PSY Elective		
General education courses (if needed)		
All-College Electives courses		

Notes and recommendations:

1) 300-level PSY Electives and General education courses should be completed by the end of Junior year; 2) Visit the Career Development Center; 3) Talk to your faculty advisor about graduate school options; 4) Talk to your advisor about PSY 488 Internship, PSY 499 (Independent Study), PSY 496 (Honors Thesis I), and PSY 495 (Independent Project)

Senior Year (120 credits)**SEVENTH SEMESTER**

Course Title	Catalog Number	Prerequisite(s)
History & Systems of Psychology	PSY 471	PSY 101 + 6 additional PSY credits
400-level PSY Elective		
All-College Electives courses (if needed)		

EIGHTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Senior Seminar in Psychology	PSY 472	PSY 450
400-level PSY Electives		
All-College Electives courses (if needed)		

Notes and recommendations:

1) PSY 472 Senior Seminar and PSY 471 History & Systems may be taken in either Seventh or Eighth semesters depending on advisement; 2) PSY 488 (Internship), PSY 499 (Independent Study), PSY 496 (Honors Thesis I), and PSY 495 (Independent Project) can count for 400-level PSY elective (see your advisor); 3) Apply for graduation; 4) Apply to graduate school, if applicable; 5) Visit the Career Development Center to have your resume reviewed.

ACADEMIC ROADMAP

PSYCHOLOGY, BS Degree

Fall 2023

NOTE: All students must enter the PSY Major into the BA Program. For more specific details about the BS Program admission requirements for Psychology, please visit <https://psychology.buffalostate.edu/psychology-bs>

Sophomore Year (60 credits)

THIRD SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Psychological Statistics	PSY 350	Math/Quantitative Reasoning (see notes)
300-Level PSY Electives		
General education courses		

FOURTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Research Methods in Psychology	PSY 450	PSY 350
300-Level PSY Electives		
General education courses		

Notes and recommendations:

1) Must have at least Sophomore status for PSY 350; 2) Must achieve minimum grade of C in PSY 350; 3) Math/Quantitative Reasoning prerequisite for PSY 350 is limited to MAT courses only and at the level of MAT 114 or higher; 4) PSY 250 and PSY 350 may be taken concurrently with instructor permission; 4) consider forming a study group; 5) consider enrolling in a minor or certificate program

Junior Year (90 credits)

FIFTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
300-Level PSY Electives		
400-Level PSY Elective		
Focus on BS concentration courses		
General education courses (if needed)		
All-College Electives courses		

SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
300-Level PSY Electives		
400-Level PSY Elective		
Focus on BS concentration courses		
General education courses (if needed)		
All-College Electives courses		

Notes and recommendations:

1) 300-level PSY Electives and General education courses should be completed by the end of Junior year; 2) Visit the Career Development Center; 3) Talk to your faculty advisor about graduate school options; 4) Talk to your advisor about PSY 488 Internship, PSY 499 (Independent Study), and PSY 495 (Independent Project) 5) Talk to your advisor about the mandatory PSY 496 (Honors Thesis 1) & PSY498 (Honors Thesis 2) path for the BS

Senior Year (120 credits)**SEVENTH SEMESTER**

Course Title	Catalog Number	Prerequisite(s)
History & Systems of Psychology	PSY 471	PSY 101 + 6 additional PSY credits
Honors Thesis 1	PSY 496	
400-level PSY Elective (if needed)		
All-College Electives courses (if needed)		

EIGHTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Senior Seminar in Psychology	PSY 472	PSY 450
Honors Thesis 2	PSY 498	
400-level PSY Elective (if needed)		
All-College Electives courses (if needed)		

Notes and recommendations:

1) PSY 496 (Honors Thesis 1) can count for 400-level PSY elective (see your advisor); 2) PSY 472 Senior Seminar and PSY 471 History & Systems may be taken in either Seventh or Eighth semesters depending on advisement; 3) Apply for graduation; 4) Apply to graduate school, if applicable; 5) Visit the Career Development Center to have your resume reviewed.

ACADEMIC ROADMAP – SOPHOMORE TRANSFER STUDENTS

PSYCHOLOGY, BA Degree

NOTE: All students, including transfers, must enter the PSY Major into the BA Program. PSY 101 with a minimum C grade is prerequisite for all other PSY courses.

Sophomore Year (60 credits)

THIRD SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Introduction to Psychology (if needed)	PSY 101	
OR		
300-Level PSY Electives		Can be taken ONLY if transferring an equivalent course to PSY 101 with a minimum C grade
PLUS		
Psychological Science Fundamentals	PSY 250	PSY 101
Mathematics/Quantitative Reasoning	MAT 114 or higher	
General education courses		

FOURTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Psychological Statistics	PSY 350	Math/Quantitative Reasoning (see notes)
300-Level PSY Electives		
General education courses		

Notes and recommendations:

1) Must have at least Sophomore status for PSY 350; 2) Must achieve minimum grade of C in PSY 350 even if transferred; 3) Math/Quantitative Reasoning prerequisite for PSY 350 is limited to MAT courses only and at the level of MAT 114 or higher; 4) PSY 250 and PSY 350 may be taken concurrently with instructor permission

Junior Year (90 credits)

FIFTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Research Methods in Psychology	PSY 450	PSY 350
300-Level PSY Electives		
400-Level PSY Elective		
General education courses (if needed)		
All-College Electives courses		

SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
300-Level PSY Electives (if needed)		
400-Level PSY Elective		
General education courses (if needed)		
All-College Electives courses		

Notes and recommendations:

1) 300-level PSY Electives and General education courses should be completed by the end of Junior year; 2) Visit the Career Development Center; 3) Talk to your faculty advisor about graduate school options; 4) Talk to your advisor about PSY 488 Internship, PSY 499 (Independent Study), PSY 496 (Honors Thesis 1), and PSY 495 (Independent Project)

Senior Year (120 credits)

SEVENTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
History & Systems of Psychology	PSY 471	PSY 101 + 6 additional PSY credits
400-level PSY Elective (if needed)		
All-College Electives courses (if needed)		

EIGHTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Senior Seminar in Psychology	PSY 472	PSY 450
400-level PSY Elective (if needed)		
All-College Electives courses (if needed)		

Notes and recommendations:

1) PSY 472 Senior Seminar and PSY 471 History & Systems may be taken in either Seventh or Eighth semesters depending on advisement; 2) PSY 488 (Internship), PSY 499 (Independent Study), PSY 496 (Honors Thesis 1), and PSY 495 (Independent Project) can count for 400-level PSY elective (see your advisor); 3) Apply for graduation; 4) Apply to graduate school, if applicable; 5) Visit the Career Development Center to have your resume reviewed

ACADEMIC ROADMAP – JUNIOR TRANSFER STUDENTS

PSYCHOLOGY, BA Degree

NOTE: All students, including transfers, must enter the PSY Major into the BA Program. PSY 101 with a minimum C grade is prerequisite for all other PSY courses.

Junior Year (90 credits)

FIFTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Introduction to Psychology	PSY 101	
OR		
Psychological Statistics	PSY 350	Can be taken ONLY if transferring PSY 101 (or equivalent) with a minimum C grade and MAT 114 or higher
OR		
Research Methods in Psychology	PSY 450	Can be taken ONLY if transferring PSY 350 (or equivalent) with a minimum grade of C, plus MAT 114 or higher (or equivalent)
PLUS		
300-Level PSY Electives		
General education courses (if needed)		
All-College Electives (if needed)		

SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Psychological Statistics	PSY 350	Can be taken ONLY if transferring PSY 101 (or equivalent) with a minimum C grade and MAT 114 or higher
OR		
Research Methods in Psychology	PSY 450	Can be taken ONLY if transferring PSY 350 (or equivalent) with a minimum grade of C, plus MAT 114 or higher (or equivalent)
PLUS		
300-Level PSY Electives		
General education courses (if needed)		
All-College Electives (if needed)		

Notes and recommendations:

1) Grade of C or higher is required in PSY 101 and PSY 350; 2) Math/Quantitative Reasoning prerequisite for PSY 350 is limited to MAT courses only and at the level of MAT 114 or higher (or transfer equivalent). A lower-level MAT transfer course may be accepted as the prerequisite for PSY 350 with instructor permission only; 3) 300-Level PSY electives and General education courses should be completed by the end of Junior year – exact requirements will depend on equivalence of PSY courses transferred from previous institution; 4) Transfer students may take PSY 250 concurrently with either PSY 350 or PSY 450 with instructor permission; 5) Visit the Career Development Center; 6) Begin discussion with your faculty advisor about future graduate school options; 7) Talk to your advisor about PSY 488 Internship, PSY 499 (Independent Study), PSY 496 (Honors Thesis 1), and PSY 495 (Independent Project).

Senior Year (120 credits)

SEVENTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Research Methods in Psychology (if needed)	PSY 450	PSY 350
History & Systems of Psychology	PSY 471	PSY 101 + 6 additional PSY credits
300-Level PSY Electives (if needed)		
400-Level PSY Elective (if needed)		
All-College Electives (if needed)		

EIGHTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Senior Seminar in Psychology	PSY 472	PSY 450
400-Level PSY Electives (if needed)		
All-College Electives (if needed)		

Notes and recommendations:

1) PSY 488 (Internship), PSY 499 (Independent Study), PSY 496 (Honors Thesis 1), and PSY 495 (Independent Project) can count for 400-level PSY elective (see your advisor); 2) Apply for graduation; 3) Apply to graduate school, if applicable; 4) Visit the Career Development Center to have your resume reviewed

A Guide to Where to Get Your Questions Answered

Questions about:	Responsible Office/Department	Phone
Academic Policies & Regulations	Academic Standards & Certification	878-5222
Admissions Questions	Admissions	878-4017
Academic Appeals	Academic Standards & Certification	878-5222
Advisement in Psychology	Your Advisor in Psychology Department	878-6215
Assistance in Basic Skills and Tutoring	Academic Skills Center	878-4041
Tuition Billing, Fee Payment	Bursar	878-4121
Career Counseling (resume writing, job interviewing skills, information on careers)	Career Development Center	878-5811
University Catalog Copies	Admissions	878-5511
Counseling, Personal	Counseling Center	878-4436
Course Challenges	Academic Standards & Certification	878-5222
Course by Contract (Psychology)	Psychology Department	878-6215
Degree, Applications for	Registrar	878-4811
Disabled Services	Academic Skills Center	878-4041
Escort Service to Vehicle or Dorm Room	University Police	878-6333
Financial Aid, Eligibility, Application, etc.	Academic Standards & Certification or Financial Aid Office	878-5222, 4901
First Aid and Medical Assistance	University Police & Health Center	878-6333, 6711
Grade Reports	Registrar	878-4811
Graduate School Applications	Graduate Studies	878-5601
Graduate Record Exam Applications	Graduate Studies	878-5601
Leave of Absence	Psychology Department	878-6215
National Student Exchange Program	Special Programs	878-4328
Overseas Study Program	International Education	878-4620
Petitions, Academic Appeals	Academic Standards & Certification	878-5222
Records, Student	Registrar	878-4811
Security	University Police	878-6333
Sexual Harassment Complaints	Equity & Campus Diversity	878-6210
Sexuality Center	Health Center	878-6715
Student Accounts	Student Accounts	878-4301
Student Activities: What, Where & When	Student Union Information Center	878-6511
Student Government	United Student Government	878-6701
Student Records	Records & Registration	878-6121
Study Skills Assistance	Academic Skills Center	878-4041
Transcript Evaluation	Admission	878-5511
Tutoring for EOP Students	Educational Opportunity Program	878-4233
Vocational Interest Inventories	Counseling Center	878-4436

A FEW WORDS ON CAREER OPPORTUNITIES

With a degree in psychology as with other liberal arts degrees, you are prepared to take jobs which require general training: in business, in banking or the stock market, in publishing houses and so on. If you want to work in psychology, you can work as a research assistant to a more highly trained person, or in various support positions in hospitals or clinics. With a B.A. or B.S. Degree only, you will have to be supervised by someone with more training, whatever psychological work you do.

Unlike some other disciplines, a B.A. or B.S. degree in psychology *is not* a professional degree. In order to get a more responsible and higher paying job in psychology, such as, alcohol counselor, research assistant, school counseling, or school psychologist, it will be necessary to earn an M.A. degree which will require approximately one to two years beyond the bachelor's degree.

It is important to note that the terminal degree for psychology is the doctorate (i.e., PhD or PsyD). Generally, if you wish to pursue a professional career in psychology you will need to have a doctorate. To work as a clinical psychologist, senior researcher, or university professor, it will be necessary to earn a doctorate.

Graduate School: Is it right for you?

Earning a doctorate in psychology requires at least four years of full time graduate training in a doctoral program after you graduate with your undergraduate major. Pursuing graduate training is not for everyone. Many valid career choices do not require the expense and time commitment involved in receiving a graduate degree. *You need to talk to your faculty advisor no later than your junior year* about your career choices and whether graduate school is the right step for you. Also, check out the information and counseling available at the Career Counseling Center on campus (see their handout below).

Getting into a graduate program is not automatic. Graduate programs are competitive and there are multiple steps in the application process, such as taking the Graduate Record Examination (GRE) and getting letters of support. Some students successfully combine an undergraduate Psychology Major with graduate study in a related discipline such as Social Work, Health Policy, or Business Administration. Our faculty members are there to help you, but they can help you only if you approach them ahead of time.

Our students have had a solid track record of success in getting into graduate programs, but that requires planning and commitment. Getting involved in the department, taking rigorous courses both in psychology and in other disciplines, keeping up your grade point average, participating in research activities, and developing a mentorship relationship with a faculty member are among the keys to success.

While there is much discussion lately, the reality is that nearly all graduate programs require you to take standardized tests such as the GRE. Like it or not, your chances of getting into a graduate program are maximized, if you do well on these tests. There are things you can do to improve your performance. It is important to start preparing early by taking the right courses, and practicing taking the test. Again, it is never too soon to talk to your advisor about your graduate school options and how to maximize your chances

Some Areas of Specialization

Any person who is called a psychologist is a specialist in some specific area. Here is a brief list of some of the possible specialties:

- Clinical Psychology focuses on disturbances of human behavior (for example, neuroses or psychoses), how they develop, and how they can be treated. A clinical psychologist might work as a psychotherapist.

- Cognitive Psychology studies the ways in which people gain knowledge about the world and how that knowledge is represented, stored, retrieved, transformed and related to other behaviors.
- Developmental Psychology studies the development of behavior from birth through old age; the growth of intelligence and the development of personality patterns are special topics in this field.
- Environmental Psychology deals with the impact of the physical environment on individual and group behavior. An environmental psychologist might examine the impact of seating patterns on interaction or of a building design on user satisfaction.
- Forensic Psychology is the application of the science and profession of psychology to questions and issues related to law and the legal system.
- Health Psychology studies the relationship between psychological factors, especially stress and coping, and health and illness.
- Industrial/Organizational Psychology applies the methods and principles of psychology to the work environment. The principles of psychology are applied to the testing and selection of employees, measurement of leadership skills, as well as other areas of the work environment.

- Neuropsychology attempts to study the particular brain mechanisms that are responsible for human cognitive processes. Neuropsychologists are involved in diagnosing brain damage and neurological disorders in human patients.
- Physiological Psychology investigates the relationship between behavior and the nervous system and endocrine glands. A physiological psychologist might study how damage to certain parts of the brain affects eating and drinking, for example.
- Psychology of Aging investigates the various psychological processes that change as a function of age. Special topics in this area include cognitive processes of aging; motivation and age; changes in social roles and social behaviors of the aged.
- Psychology of Learning looks at the ways in which behavior is systematically changed because of experience. A learning psychologist might study how long it takes a rat to learn a maze, or how best to teach a child something in school.
- Psychology of Perception studies the sense organs and the ways in which the different senses (e.g., hearing, seeing, tasting) function, and how we interpret evidence from our senses.
- Psychology of Personality focuses on the determinants of personality, what makes up a person's personality, and the ways in which people are similar and different. A personality psychologist might investigate whether the firstborn child in a family is more sociable than the last born.
- Social Psychology studies the behavior of humans as members of groups. A social psychologist might study prejudice or the spread of rumors.

Career Development Center

Buffalo State University

State University of New York

CLEV 306 (716) 878-5811

askcdc@buffalostate.edu

<http://cdc.buffalostate.edu>

Some career possibilities:

Admissions Clerk
Advertising Copywriter
Case Worker
Correction Officer
Customs Inspector
Day Care Supervisor
Developmental Specialist
Drug Counselor
Employment Interviewer
Health Educator
Management Trainee
Media Buyer
Mental Health Aide
Personnel Administrator
Probation Officer
Psychiatric Assistant
Recreation Worker
Research Assistant
Residential Aide
Sales Representative
Youth Counselor

Psychology is the study of human behavior and the improvement of human adjustment to life, and includes the psychological, social, and biological functions relating to behavior. There is great diversity in the type of work found within the field, allowing for many different personal qualities and aptitudes. Students in the undergraduate major of psychology usually fall into three broad categories: 1) those who want a general background in psychology, but do not intend to seek employment or further education in the field; 2) those who wish to apply the principles and techniques of psychology in an employment situation; and 3) those who want to work in the field and become psychologists. This third option requires a graduate education.

Skills in evaluating, analyzing, interpersonal relations, and communication allow you to work at many different types of occupations with a bachelor's degree in psychology. Your most important task is to determine in what field you want to work. If interested in working outside the field of psychology, i.e., business, industry, law, advertising, etc., you should take elective undergraduate courses that will allow you to enter that particular field; or, consider a double major or a minor. An internship or volunteer work in your chosen area will further enhance your employability.

If you want to work in the field of psychology without pursuing an advanced degree, consider the helping para-professions. Paraprofessionals often function under the supervision of someone with an advanced degree. They are often involved in direct contact with clients, and sometimes perform many of the same duties as those with more education. However, those with only a bachelor's degree usually start at the bottom and may be limited

in the range and depth of the work. Usually they specialize in one type of client, i.e., elderly, emotionally or physically disabled, substance abusers, juvenile delinquents, the unemployed, the abused, criminal offenders, those with mental disorders, etc. Advancement usually requires further education. To demonstrate your potential to future employers in the helping fields, it is important to do an internship or volunteer work within your chosen area of interest.

Experience gained through the honors psychology program, an independent research study, and a high G.P.A. - (overall and in your major) will be helpful if you plan on graduate school. Also, gain practical experience in some area of psychology. Admission to graduate school is extremely competitive; therefore, solid academic references and a high Graduate Record Exam (GRE) score will be necessary. Employment of psychologists is expected to increase faster than average for all occupations.

Broad areas of employment are:

BUSINESS/INDUSTRY: There are many employment opportunities in business and industry in the broad areas of retail, manufacturing, hotels, banks, entertainment, advertising, media, and publishing. Work can be found in management, sales, personnel, marketing, finance, public relations, consumer education, journalism, etc. Knowledge and skills learned in undergraduate psychology programs apply to almost any type of work - especially work focusing on people. However, many of the above-mentioned areas do require that you also take electives more closely applicable to your career objective.

NON-PROFIT/COMMUNITY ORGANIZATIONS: Employment in this sector is with organizations whose public service is educational, religious, social, charitable, cultural, or scientific in nature. Most non-profit community organizations hire employees with abilities in fund raising, grant writing, program evaluation, public relations, education, and service provision. As in the other areas, it is necessary to plan ahead and pursue elective courses supporting your career objectives in these fields.

GOVERNMENT: There are a wide variety of opportunities for psychology majors at every level of government - federal to local. Work in government falls into the categories of research, social service, personnel, and management, or in categories that are more specific to the work of the particular agency. Position titles do not necessarily describe the work, and like titles at different agencies may have different duties. Most libraries have reference materials that list descriptions of government positions.

EDUCATIONAL INSTITUTIONS: Employment opportunities in the field of education, outside the role of certified teacher, are found in private and public schools, colleges, universities, technical and business institutions, training services, and churches. Personnel, administration, student services, public relations, and research and development are some of the areas in which psychology majors might find work.

HEALTH CARE: A variety of employment opportunities can be found in hospitals, psychiatric centers, rehabilitation residences and service organizations, nursing homes, health maintenance organizations, outpatient clinics, college health centers, and private offices. The varied types of positions are in administration, personnel, volunteer services, education, public relations, and in paraprofessional occupations.

The number of employment opportunities open to you with a bachelor's degree in psychology may seem overwhelming. You will need to identify your area of interest and take electives and internships related to that objective. Make sure to show a progression of difficulty in coursework by taking advanced level courses. To further contribute to your first-hand experience and employability, consider also summer and part-time jobs and volunteering in your area of interest. These combined experiences should begin early in your undergraduate program. They will also help you decide if the particular type of work is satisfying, and can help you identify some possible job titles, their responsibilities, and the level of education needed.

Working with professors on their clinical work, research, and program planning is also helpful in gaining practical experience, as well as in pursuing graduate school. To expand your network, consider joining the Psi Chi Honor Society and/or psychology clubs and organizations. Student membership in the national and state

levels of the American Psychological Association will provide resources for identifying issues, concerns, and directions of the broad field of psychology.