

Department of Psychology

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The Department of Psychology offers programs which lead to three graduate degrees: the Master of Arts with a major in Psychology and concentrations in Clinical, Experimental, Industrial/Organizational, Quantitative Psychology, and Pre-Specialist in Education: School Psychology; the Specialist in Education with a major in Curriculum and Instruction, concentration in School Psychology; and the Master of Education with a major in Professional Counseling and concentrations in School Counseling and Mental Health Counseling. The department also offers a minor at the graduate level.

Admissions Process

Admission to graduate study is competitive and not automatic for students meeting minimal admission requirements. Students are selected from a pool of qualified applicants. Each year the number of students admitted to the program depends on the availability of adequate faculty supervision. In order to be considered for unconditional admission, candidates must meet two standards: an undergraduate grade point average (GPA) of 3.0 or higher and a minimum score on the Graduate Record Exam (GRE). A minimum of 900 on the combined Verbal and Quantitative sections is expected for the Master of Arts in Clinical, Experimental, Quantitative, and Pre-Specialist in Education: School Psychology. A GRE Quantitative of 450 is expected for the Industrial/Organizational concentration. For admission to the Quantitative Psychology concentration, a GRE Quantitative of 600 is expected. Individuals with a Quantitative score below 600 may be considered for conditional admission into the Quantitative Psychology concentration. Admission to the Master of Education program requires a GRE score of no less than 400 on either the Quantitative or Verbal section. A combined Verbal and Quantitative GRE score of 1000 is expected for admission to the Master of Education with a concentration in Mental Health Counseling; a combined score of 900 is expected for admission to the Master of Education with a concentration in School Counseling. Unconditional admission to the Educational Specialist in Curriculum: Concentration School Psychology program requires a minimum of 900 combined Verbal and Quantitative scores.

Applications for Summer/Fall admission must be complete by March 1 and applications for Spring admission must be complete by October 1. Late applicants who meet the admission criteria may be considered on a case-by-case basis. (See admission standards under Admission to the College of Graduate Studies.) Applicants to the Clinical, School Psychology, and Professional Counseling programs should contact the department for a special application and reference forms.

Applicants to the Experimental, Industrial/Organizational, Quantitative, and School Psychology programs must provide letters of intent stating goals and objectives.

Conditional Admission

Students who do not meet admission requirements may be admitted conditionally to a specific concentration. Students admitted conditionally must maintain a 3.25 GPA in their first semester (9 hours minimum) of required graduate courses in their concentration areas.

Readmission: See each area coordinator and program handbook for readmission policy.

Degree Plan

Students must file a degree plan with the Graduate Office prior to the completion of 21 credit hours.

Performance Requirements

Students must be able to meet the demands required for professional work in psychology. Therefore, students may be subject to dismissal from the Psychology Department if they (a) commit a serious breach of ethics or gross professional negligence or (b) present evidence of impaired psychological functioning that would present a danger to themselves or others in a professional role. Students who are dismissed may reapply and will be considered for readmission on a competitive basis. Students who reapply may be asked to provide evidence of improved ability to meet performance requirements.

Requirements for the Master of Arts

The Master of Arts in Psychology has five different concentrations. Each concentration has specific admission standards and required courses. Most applicants have completed 15 semester hours of psychology classes prior to admission to their graduate programs. Those applicants without 15 semester hours of undergraduate psychology may be admitted to the programs, but must complete those credits in addition to their graduate programs.

Psychology Major Concentration: Clinical

Admissions Criteria for M.A. Clinical Curriculum with Specializations

All potential students must apply to the clinical program and will be evaluated on the current criteria as delineated in the graduate catalog (i.e. GRE, GPA, transcript, three letters of reference, supplemental reference forms, and the supplemental clinical application).

If a student already has an M.A. degree from either the Clinical or School Psychology programs at MTSU and wants to return to take specific courses to prepare for either the psychological assistant or the behavior analyst specialization, s/he may be considered in the applicant pool. If admitted, however,

no new degree would be obtained; the student would be a non-degree-seeking student but would be admitted to take specific clinical courses.

If a student has a master's degree or graduate coursework from another MTSU program or from another university, s/he may also be considered in the applicant pool. If accepted, credit for previous coursework would be allocated on an individual basis, consistent with the following MTSU policies:

1. If no previous graduate degree was obtained, up to 12 graduate credit hours may be applied to the Clinical master's degree.
2. If a previous master's degree was obtained, no credit that applied to that degree can be applied to the Clinical master's degree at MTSU. Additional coursework would be necessary to meet the 46-hour program requirement.

Graduation Requirements

Candidate must

1. demonstrate knowledge of the core areas of psychology by completing the following courses at either the undergraduate or graduate level prior to entering the Clinical Program or during enrollment in the program (relevant courses offered at MTSU are listed in parentheses):
 - a. group measurement/testing (PSY 4260/5260 or 6050);
 - b. abnormal psychology (PSY 3230/5230);
 - c. learning or cognition (PSY 4040, 4480, 5480*, or 6190*);
 - d. social or developmental (PSY 2210, 2300, 4190, 4210/5210, 4610/5610, 6120*, 6130*, 6410);
 - e. brain and behavior, sensation and perception, or research methods (PSY 3070/5070, 4780/5780, 4240/5240, or 4030/5030);
Courses marked with an asterisk () may be counted as approved graduate electives depending upon specialization.*
2. complete a total of 46 semester hours, including at least 33 hours in psychology. Only 30 percent of the total number of hours may be dually listed (5000-level meeting in conjunction with 4000- or 3000-level) courses;
3. complete PSY 6280 (PSY 3020 or equivalent is a prerequisite for PSY 6280 and 6290), 6290, and 6640 (3 hours);
4. successfully write and orally present a written thesis evaluated by a committee of psychology faculty in conjunction with PSY 6640;
5. pass a written comprehensive examination prepared by the faculty in the student's concentration (may be taken no more than twice).

Students must be admitted to the clinical program prior to enrolling in required clinical core courses. Non-degree-seeking students may **not** enroll in required clinical courses, except by special permission.

Core Clinical Courses (Required of all clinical students)

PSY 5470	Theories of Counseling OR
PSY 6841	Theories of Individual Psychotherapy OR
PSY 6080	Interventions with Children and Adolescents (PSY 6080 must be taken for Behavior Analyst specialization)
PSY 6020	Theories of Personality
PSY 6100	Intellectual Assessment
PSY 6101	Laboratory in Intellectual Assessment
PSY 6250	Objective Personality Assessment
PSY 6280	Psychological Statistics: Regression
PSY 6290	Psychological Statistics: Anova
PSY 6510	Psychopathology
PSY 6640	Thesis Research
PSY 6690	Professional Issues and Roles
PSY 6801	Interviewing and Intervention
PSY 6851	Assessment Field Practicum (Clinical)

Electives

In addition to the required courses in the core area and the research area, students in the clinical concentration must take 12 elective credits to form a specialization. Students must choose a specialization from within the clinical concentration.

Psychological Assistant: General Clinical Specialization

Choose four courses (12 hours) from the following list. At least one of these courses must be marked with an asterisk (*).

PSY 5480	Learning Theories*
PSY 5610	Adult Psychology and Aging
PSY 5720	Multicultural Perspectives in Psychology and Education
PSY 5780	Human Neuropsychology*
PSY 5820	Psychology of Language
PSY 6120	Developmental Psychology: Child
PSY 6130	Developmental Psychology: Adolescent
PSY 6190	Advanced Cognitive Psychology*
PSY 6240	Projective Measurements
PSY 6340	Behavioral Medicine: Theory and Application
PSY 6390	Independent Research in Psychology: Clinical
PSY 6400	Psychological Disorders of Children
PSY 6440	Advanced Applied Behavioral Analysis
PSY 6500	Behavioral Methodology
PSY 6520	Psychopharmacology*
PSY 6530	The Psychology of Reading and Reading Development
PSY 6580	Multivariate Data Analysis
PSY 6710	Community Psychology
PSY 6750	Psychology and Assessment of Learning Disabilities
PSY 6770	Assessment and Therapeutic Interventions for Children's Emotional Problems
PSY 6780	Clinical Neuropsychology*
PSY 6820	Family Therapy: Evaluation and Treatment Planning
PSY 6890	Consultation
PSY 7100	Multicultural and Social Bases for Assessment and Intervention Practices
PSY 7520	Assessment and Treatment of Addictions

Health/Neuropsychology Specialization

Required:

PSY 6780 Clinical Neuropsychology

Choose three courses (9 hours) from the following:

PSY 5780	Human Neuropsychology
PSY 6340	Behavioral Medicine: Theory and Application
PSY 6390	Independent Research in Psychology: Clinical (3 credits)
PSY 6520	Psychopharmacology
PSY 7520	Assessment and Treatment of Addictions

Behavior Analyst Specialization

Required: Nine (9) hours from the following:

PSY 5480	Learning Theories OR
PSY 6785	Principles of Behavior Analysis
PSY 6440	Advanced Applied Behavioral Analysis
PSY 6500	Behavioral Methodology (and BA ethics)

Choose one course (3 hours) from the following:

PSY 6390	Independent Research in Psychology: Clinical (3 credits)
PSY 6400	Psychological Disorders of Children
PSY 6520	Psychopharmacology
PSY 6770	Assessment and Therapeutic Interventions for Children's Emotional Problems
PSY 6340	Behavioral Medicine: Theory and Application
PSY 6350	Laboratory in Behavioral Medicine

Professional liability insurance (\$1,000,000 each incident/\$3,000,000 annual aggregate) must be maintained throughout enrollment in the program with a current insurance binder filed with the department at all times.

Psychology Major

Concentration: Experimental

A major goal of the Experimental concentration in psychology is to prepare the student to be a research psychologist. The primary objective is to prepare the student to enter a Ph.D. program in psychology. However, many industries, clinical settings, and research universities are interested in students with the analytical and statistical skills of a research psychologist. In addition, students with master's degrees in experimental psychology may also be employed as faculty at the community college level as psychology instructors.

Experimental students need to have a strong background in the core areas of experimental psychology. Some of this background can be attained at the undergraduate level (see item 1 below); however, the students must also complete a core of graduate experimental courses (see item 6 below). In addition, students are encouraged to become involved in research and to participate in research projects throughout their graduate enrollment. Toward this goal, the student should enroll in at least one hour of research (PSY 6600) or thesis work (PSY 6640) each semester.

Graduation Requirements

Candidate must

- demonstrate knowledge of the core areas of psychology by completing the following courses at either the undergraduate or graduate level prior to entering the Experimental program or during enrollment in the program (relevant courses offered at MTSU are listed in parentheses):
 - introductory/general psychology (PSY 1410);
 - research methods (PSY 3070 or 5070);
 - social psychology or personality (PSY 2210, 3230/5230, 3590, 5420, 6020, or 6030);
 - learning or cognition (PSY 4040, 4480/5480, or 6190);
 - developmental (PSY 2300, 4190, 4210/5210, 4610/5610, 6120, 6130, 6410);
 - brain and behavior or sensation and perception (PSY 2190, 4030/5030, 4240/5240, or 4780/5780);
 - statistics (PSY 3020).
- complete a total of 36 semester hours, including at least 30 hours in graduate psychology courses. Only 30 percent of the total number of hours may be dually listed (5000-level meeting in conjunction with 4000- or 3000-level) courses;
- complete PSY 6280 and 6290 (PSY 3020 or equivalent is a prerequisite for PSY 6280 and 6290);
- successfully write and orally present a written thesis evaluated by a committee of psychology faculty in conjunction with PSY 6640;
- pass a written comprehensive examination prepared by the Experimental faculty (may be taken no more than twice);
- complete the following Experimental core courses:

Core Courses

PSY 5240	Behavioral Neuroscience
PSY 6120	Developmental Psychology: Child (or PSY 6130 if the student has had a course in Child Psychology, e.g. PSY 4190)
PSY 6190	Advanced Cognitive Psychology
PSY 6600	Independent Research in Psychology: General/Experimental (3 hours total)

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PSY 6615 Basic and Applied Research Methods in Psychology
PSY 6640 Thesis (3 hours total)
PSY 6670 Literature Review and Reading in Psychology:
Behavioral Neuroscience (3 hours total)
6 hours of elective chosen with the approval of the student's advisor.

Psychology Major Concentration: Industrial/Organizational

The goal of the Industrial/Organizational (I/O) concentration is to produce professionals who are able to apply the science of psychology in business, industry, and government settings. The program is designed to prepare students for positions in human resource departments or consulting, or for entry into an I/O doctoral program.

Graduation Requirements Candidate must

1. demonstrate knowledge of the core areas of psychology by completing the following courses at either the undergraduate or graduate level prior to entering the Industrial/Organizational Program, or during enrollment in the program (relevant courses offered at MTSU are listed in parentheses):
 - a. group measurement/testing (PSY 4260/5260 or 6050);
 - b. abnormal psychology or personality (PSY 3230/5230, 3590, or 6020);
 - c. learning or cognition (PSY 4040, 4480/5480, or 6190);
 - d. social or developmental (PSY 2210, 2300, 4190, 4210, 4610/5610, or 6410);
 - e. brain and behavior, sensation and perception, or research methods (PSY 3070/5070, 4240/5240, or 4030/5030);
 - f. introductory course in I/O psychology (PSY 3320).
2. complete a total of 46 semester hours, including at least 38 hours in psychology. Only 30 percent of the total number of hours may be dually listed (5000 level meeting in conjunction with 4000 or 3000 level) courses;
3. complete PSY 6280 (PSY 3020 or equivalent is a prerequisite for PSY 6280 and 6290), 6290, and 6640 (3 hours);
4. successfully write and orally present a written thesis evaluated by a committee of psychology faculty in conjunction with PSY 6640;
5. pass a written comprehensive examination prepared by the Industrial/Organizational faculty (may be taken no more than twice).

Required

PSY 6070 Advanced Industrial Organizational Training and Development
PSY 6090 Practicum: Industrial/Organizational Psychology
PSY 6300 Literature Review and Reading in Psychology: Industrial/Organizational
PSY 6320 Performance Appraisal and Job Analysis
PSY 6330 Professional Issues in Industrial/Organizational Psychology
PSY 6420 Advanced Personnel Selection and Placement
PSY 6450 Advanced Organizational Psychology
PSY 6570 Psychological Research Methods in Human Resource Management
PSY 6085 Pre-Practicum: Industrial/Organizational Psychology

Two of the following four courses

PSY 5290 Wage and Salary Administration
PSY 6360 Organizational Change and Development
PSY 6365 Organizational Surveys and Employee Attitudes and Motivation
PSY 6380 Work Group Effectiveness

Electives (not an inclusive list; consult advisor)

PSY 5340 Human Factors Psychology
PSY 6370 Organizational Skills
PSY 6460 Factor Analysis and Related Methods

Psychology Major Concentration: Quantitative

Graduation Requirements

Candidate must

1. demonstrate knowledge of the core areas of psychology by completing the following courses at either the undergraduate or graduate level prior to entering the Quantitative program or during enrollment in the program (relevant courses offered at MTSU are listed in parentheses):
 - a. basic statistics (PSY 3020);
 - b. research methods (PSY 3070/5070);
 - c. group measurement/testing (PSY 4260/5260 or 6050);
 - d. abnormal psychology, personality, social, or developmental (PSY 2210, 2300, 3230/5230, 3590, 4190, 4210/5210, or 4610/5610);
 - e. learning, cognition, brain and behavior, or sensation and perception (PSY 2190, 4040, 4480/5480, 4780/5780, 4240/5240, or 4030/5030).
2. complete a total of 45 semester hours, including at least 33 hours in psychology. Only 30 percent of the total number of hours may be dually listed (5000- level meeting in conjunction with 4000- or 3000-level) courses;
3. complete PSY 6280, 6290, (PSY 3020 or equivalent is a prerequisite for PSY 6280 and 6290), and 6640 (thesis, 3 hours);
4. successfully write and orally present a written thesis evaluated by a committee of psychology faculty in conjunction with PSY 6640;
5. pass a written comprehensive examination prepared by the faculty in the student's concentration (may be taken no more than twice).

Required

PSY 6210/7210 Advanced Psychometrics
PSY 6460 Factor Analysis and Related Methods
PSY 6490 Practicum: Quantitative Psychology
PSY 6550 Structural Equation Modeling
PSY 6560 Computer-Based Statistical Packages
PSY 6580/7580 Multivariate Data Analysis
PSY 6585/7585 Test Construction and Validation
PSY 6660 Literature Review and Reading in Psychology–Quantitative (3 credits)

Electives

Students must take 12 elective credits in addition to required courses. The courses may be in psychology or related areas with the permission of the academic advisor.

Psychology Major Concentration: Pre-Specialist in Education: School Psychology

The School Psychology program includes two degrees. Program completion and endorsement for a State Department of Education license require successful completion of both degrees. The M.A. portion of the program comes first. The Ed.S. is an advanced degree. It is only available to students who have master's degrees in school psychology. Respecializing students from other master's programs in psychology or

counseling may apply, but they will be required to complete deficiencies.

The School Psychology program is field based. As such, a student is required to be continuously enrolled in at least one field-based course every semester from the completion of PSY 6140 until the completion of the program. PSY 6960, 6980, 7080, and 7810 are field-based courses. The policy excludes summer sessions.

Tennessee teacher licensing in school psychology is obtained through MTSU's program. Licensing requires (1) completion of the Ed.S. with a concentration in School Psychology, (2) 1,200 hours of internship in school psychology, (3) acceptable scores on the school psychology Praxis II Test, and (4) verification of readiness for independent practice by an internship supervisor. The School Psychology PRAXIS II test assesses the following areas: a) diagnosis and fact finding; b) prevention and intervention; c) applied psychological foundations; and d) ethics and legal considerations.

M.A. Graduation Requirements: Concentration: Pre-Specialist in Education

Candidate must

- demonstrate knowledge of the core areas of psychology by completing the following courses prior to entering the School Psychology program or during enrollment in the program (relevant courses offered at MTSU are listed in parentheses):
 - testing (PSY 6100 and 6101; PSY 4260 or equivalent is a pre-requisite);
 - abnormal psychology (PSY 6400);
 - learning (PSY 6440);
 - developmental (PSY 6120, 6130, or 6410);
 - research methods (PSY 6640; 3 hours).
- complete a total of 45 semester hours, including at least 33 hours in psychology. Only 30 percent of the total number of hours may be dually listed (5000-level meeting in conjunction with 4000- or 3000-level) courses; students without at least an undergraduate minor in psychology (at least 15 hours) will be required to complete up to 15 hours of additional psychology coursework that will not count toward the M.A. degree;
- complete PSY 6280 and 6290 (PSY 3020 or equivalent is a prerequisite for both);
- successfully write and orally present a written thesis evaluated by a committee of psychology faculty in conjunction with PSY 6640;
- pass a written comprehensive examination prepared by the faculty in the student's concentration (may be taken no more than twice).

Required Courses

PSY 6060 School Psychology: Ethics and Practice
 PSY 6080 Interventions with Children and Adolescents
 PSY 6100 Intellectual Assessment
 PSY 6101 Laboratory in Intellectual Assessment
 PSY 6140 Practicum: School Psychology
 PSY 6750 Psychology and Assessment of Learning Disabilities
 PSY 6760 Educational Assessment
 PSY 6770 Assessment and Therapeutic Interventions for Children's Emotional Problems
 PSY 6890 Consultation
 PSY 6950 Literature Review and Reading in Psychology: School

Professional liability insurance, coverage amount at the student's discretion, must be maintained throughout enrollment in the program, with a current insurance binder filed with the department at all times.

Requirements for the Specialist in Education

Ed.S. Graduation Requirements Curriculum and Instruction Major Concentration: School Psychology

Candidate must

- hold a master's degree in psychology, educational psychology, or school counseling and normally should have completed all courses listed under the M.A. program for the Pre-Specialist in Education: School Psychology concentration.
- complete a minimum of 30 graduate semester hours with a minimum of 15 hours at the 7000 level.
- file a degree plan with the Graduate Office prior to the completion of 21 credit hours.
- satisfy a residency requirement consisting of (a) the completion of 18 semester hours of graduate study within a 12-month period and (b) full-time enrollment (at least 9 semester hours) for at least one semester.
- complete FOED 6610/7610 (for those who did not have a thesis listed on their transcripts as part of their master's degree).
- complete courses in the following areas (based on National Association of School Psychologists standards): a. data-based decision making and accountability; b) consultation and collaboration; c) effective instruction and development of cognitive/academic skills; d) socialization and development of life skills; e) student diversity in development and learning; f) school and systems organization, policy, development, and climate; g) prevention, crisis intervention, and mental health; h) home/school/community collaboration; i) research and program evaluation; j) school psychology practice and development; k) information technology.
- complete PSY 7810, an internship of 1,200 hours after completion of the M.A. degree.
- pass a written comprehensive examination prepared by the faculty (may be taken no more than twice).

Required

SPSE6390 School Law
 SPSE6640 Microcomputers in the K-12 Educational Setting
 PSY 7530 The Psychology of Reading and Reading Development
 PSY 7080 Practicum: Advanced Interventions with Children
 PSY 7100 Multicultural Social Bases for Assessment and Intervention
 PSY 7810 Advanced Internship: School Psychology (6 hours)

Professional liability insurance, coverage amount at the student's discretion, must be maintained throughout enrollment in the program, with a current insurance binder filed with the program coordinator at all times.

Requirements for the Master of Education

The Master of Education in Professional Counseling has two concentrations: Mental Health Counseling and School Counseling. Each concentration has its own admission standards and required courses. Students select one concentration to prepare for work in mental health or school (PreK-12) settings. The curriculum covers the eight core areas of professional counseling programs required by the Council for Accreditation of Counseling and Related Education Programs (CACREP) as well as requirements of the Tennessee Board of Professional Counselors, Marital and Family Therapists, Clinical Pastoral Therapists, and State Department of Education. A student successfully completing the program will have satisfied the educational requirements necessary for licensure as professional counselors with mental health service provider designation (LPC MHSP) or school counselor. A student seeking licensure as school counselors must be recommended for such by the program faculty; completion of the School Counseling concentration is not a guarantee of the recommendation for licensure.

Performance Requirements

Students must be able to meet the demands required for professional work in counseling. Therefore, students may be subject to dismissal from the Professional Counseling program if they (a) commit a serious breach of ethics or gross professional negligence, or (b) present evidence of impaired psychological functioning that would present a danger to themselves or others in a professional role. Students who are dismissed may reapply and will be considered for readmission on a competitive basis. Students who reapply may be asked to provide evidence of improved ability to meet performance requirements.

Professional Counseling Major

Concentration: Mental Health Counseling

The goal of the Mental Health concentration is to prepare students to provide professional counseling services to children, adolescents, and their parents in mental health-related settings. Students are trained to diagnose and treat select mental and emotional disorders and to promote optimal mental health. A 100-hour combined practicum in a middle school setting and the MTSU Psychological Services Center and a 900-hour internship in a mental health setting are required.

Admissions

Students apply separately to the College of Graduate Studies and Professional Counseling program. Admission to the Mental Health Counseling program is not automatic for students meeting minimum admission requirements. Admissions decisions for the Mental Health Counseling program will be made after reviewing all materials and determining the applicant's capacity, suitability, and preparation for graduate study in this area. Students are required to submit undergraduate transcripts, GRE scores, a supplemental application, and three recommendation forms to be considered for program admission. The supplemental application and recommendation form can be found on the Professional Counseling Web site (www.mtsu.edu/~psych/counsel.htm). Successful applicants typically have demonstrated the following:

1. Completion of an undergraduate major or minor in psychology including courses in abnormal psychology and statistics (with minimum grades of B in both courses). Although an undergraduate course in research methods is not an admission requirement, it is a prerequisite for PSY 6615.
2. A 3.0 or higher undergraduate grade point average.
3. A combined GRE Verbal plus Quantitative score of at least 1000 with scores on both the Verbal and Quantitative measures of the test above 400.
4. Participation in an assessment center conducted by the professional counseling faculty and practicing mental health counselors and school counselors within the first 12 hours of coursework with a positive recommendation from the evaluation team.

Application materials for Summer/Fall admission must be submitted by March 1; October 1 is the deadline for Spring admission.

Graduation Requirements

Candidates must

1. demonstrate knowledge of the core areas of psychology by completing the following courses at either the undergraduate or graduate level prior to entering the Mental Health Counseling program or during enrollment in the program (relevant courses offered at MTSU are listed in parentheses):
 - a. group measurement/testing (PSY 4260/5260);
 - b. abnormal psychology or personality (PSY 3230/5230);
 - c. learning or cognition (PSY 4040, 4480/5480, or 6190);
 - d. social or developmental (PSY 2210, 2300, 4190, 4210/5210, 4610/5610, 6120, 6130, or 6410);
 - e. brain and behavior, sensation and perception, or research methods (PSY 3070/5070, 4780/5780, 4240/5240, or 4030/5030).
2. complete 28 hours of core professional counseling courses and 33 hours of courses specific to mental health counseling (61 hours total). No more than 30 percent of the total number of hours may be dually listed (i.e., 5000-level meeting in conjunction with 4000 or 3000-level courses);
3. successfully complete a written comprehensive examination prepared by the professional counseling faculty (may be taken no more than twice).

Prerequisites/Corequisites:

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|----------|--|
| PSY 3020 | Basic Statistics for Behavioral Science with a minimum grade of B (or an equivalent undergraduate statistics course taken at another accredited educational institution) |
| PSY 3230 | Abnormal Psychology with a minimum grade of B (or an equivalent undergraduate abnormal psychology course taken at another accredited educational institution) |

Professional Counseling Core Courses (28 hours; required of all professional counseling students):

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|----------|--|
| PSY 5260 | Introduction to Psychological Testing |
| PSY 5470 | Theories of Counseling |
| PSY 5720 | Multicultural Perspectives in Psychology and Education |
| PSY 6150 | Career Counseling |
| PSY 6170 | Group Counseling and Psychotherapy |
| PSY 6180 | Laboratory in Group Counseling and Psychotherapy |

PSY 6230	Legal and Ethical Issues in Counseling
PSY 6260	Pre-Practicum in Counseling
PSY 6270	Practicum in Counseling
PSY 6410	Development Across the Lifespan

Mental Health Counseling Courses (33 hours; required of mental health counseling students)

PSY 5655	Foundations of Mental Health Counseling
PSY 6020	Theories of Personality
PSY 6080	Interventions with Children and Adolescents
PSY 6400	Psychological Disorders of Children
PSY 6540	Internship: Mental Health Counseling (two semesters, 6 credits)
PSY 6615	Basic and Applied Research Methods in Psychology
PSY 6765	Diagnosis and Treatment Planning in Counseling
PSY 6820	Family Therapy: Evaluation and Treatment Planning
PSY 6885	Play Therapy: Therapy and Practice
PSY 7520	Assessment and Treatment of Addictions

Concentration: School Counseling

The School Counseling concentration is developmental with a prevention/intervention focus. Students are required to complete a 100-hour practicum and two 300-hour internships in elementary and high school settings. An additional 60 hours of school experience for persons not licensed to teach are also required. Students seeking Tennessee school counseling licensure must obtain a positive recommendation from the professional counseling faculty at the end of their programs. Coursework completion is not a guarantee of the recommendation for licensure.

Admissions Criteria

Students apply separately to the College of Graduate Studies and Professional Counseling program. Admission to the School Counseling program is not automatic for students meeting minimum admission requirements. Admissions decisions for the School Counseling Program will be made after reviewing all materials and determining the applicant's capacity, suitability, and preparation for graduate study in this area. Students are required to submit undergraduate transcripts, GRE scores, a supplemental application, and three recommendation forms to be considered for program admission. The supplemental application and recommendation form can be found on the Professional Counseling Web site (www.mtsu.edu/~psych/counsel.htm.) Successful applicants typically have demonstrated the following:

1. completion of an undergraduate course in statistics;
2. a 3.0 or higher undergraduate grade point average;
3. a combined GRE Verbal plus Quantitative score of at least 900 with scores on both the Verbal or Quantitative measures of the test above 400;
4. participation in an assessment center conducted by the Professional Counseling faculty and practicing mental health counselors and school counselors within the first 12 hours of coursework with a positive recommendation from the evaluation team.

Application materials for Summer/Fall admission must be submitted by March 1; October 1 is the deadline for Spring admission.

Graduation Requirements

Candidates must

1. complete 28 hours of core professional counseling courses and 21 hours of school counseling courses (49 hours total). No more than 30 percent of the total number of hours may be dual listed (i.e., 5000-level meeting in conjunction with 4000- or 3000-level) courses.
2. successfully complete a written comprehensive examination prepared by the professional counseling faculty (may be taken no more than twice).

Prerequisites/Corequisites:

PSY 3020	Basic Statistics for Behavioral Science with a minimum grade of C (or an equivalent undergraduate statistics course taken at another accredited educational institution)
ELED 5201	Observation and Participation: Grades 1-6 (with a minimum grade of B if not a licensed teacher)

Professional Counseling Core Courses (28 hours; required of all professional counseling students)

PSY 5260	Introduction to Psychological Testing
PSY 5470	Theories of Counseling
PSY 5720	Multicultural Perspectives in Psychology and Education
PSY 6150	Career Counseling
PSY 6170	Group Counseling and Psychotherapy
PSY 6180	Laboratory in Group Counseling and Psychotherapy
PSY 6230	Legal and Ethical Issues in Counseling
PSY 6260	Pre-Practicum in Counseling
PSY 6270	Practicum in Counseling
PSY 6410	Development Across the Lifespan

School Counseling Courses (21 hours; required of school counseling students)

PSY 6160	Foundations of School Counseling
PSY 6220	Organization and Administration of School Counseling Services
PSY 6610	Introduction to Educational and Psychological Research
PSY 6920	Internship: Secondary School Counseling (3 credits)
PSY 6930	Internship: Elementary School Counseling (3 credits)
PSY 6890	Consultation

One of the following:

PSY 5250	Psychology of Exceptional Children
SPED 6800	Exceptional Children and Youth

School Counseling Candidates Seeking Tennessee School Counseling Licensure

All candidates seeking licensure as a school counselor in Tennessee must take and pass the Praxis II Specialty Area Test in School Guidance and Counseling (per State Department of Education criteria). This test is taken when the student is near the end of the master's program.

Non-Degree-Seeking School Counseling Students

Students who hold a master's degree in an area other than school counseling who seek to take classes to obtain licensure as a school counselor in Tennessee must be accepted into the School Counseling program in order to do so. This admission is not automatic. Successful applicants have generally met the same criteria as other School Counseling program applicants, as described above.

These applicants should take the following steps:

1. consult with the School Counseling program coordinator regarding what additional coursework is needed for licensure;

2. apply to the College of Graduate Studies under the category of "Addition of School Counseling License to Previous Master's";
3. submit official copies of undergraduate and graduate transcripts and GRE or MAT scores to the College of Graduate Studies;
4. submit a supplemental application, three recommendation forms, and a resume to the School Counseling program; and
5. attend the Assessment Center if invited to do so.

Courses in Psychology [PSY]

- 5030 Psychology of Sensation and Perception.** Three credits. Prerequisite: PSY 1410. Modern theories of perception as they relate to knowledge of the external world through perceptual acquaintance. Philosophy of perception, history of sensory psychology, physiological mechanisms of perception, and ecological determinants of perceptual capabilities.
- 5050 Applied Psychopharmacology.** Three credits. Impact of drugs on behavior in today's society. The nature of drug use, abuse, psychological and physiological dependence examined.
- 5060 Sport Psychology.** Three credits. Prerequisite: PSY 1410 or consent of instructor. (Same as ATHC 5060.) Application of psychological principles, motivational research, and social/psychological findings to the arena of sports. Theory and application of performance enhancement and teamwork in sports.
- 5070 Research Methods.** Four credits. Prerequisite: PSY 3020. Analysis of methodological issues in psychological research. Offers skills in the formulation, execution, interpretation, and presentation of psychological investigations. Three hours lecture and one one-hour laboratory.
- 5071 Research Methods Lab.** Zero credits. Corequisite: PSY 5070.
- 5120 Psychology of Criminal Behavior.** Three credits. Survey of theory and research pertaining to criminal behavior, covering topics such as mental illness and crime, criminal homicide, assault, and sex offenses.
- 5130 Laboratory in Psychology of Sensation and Perception.** One credit.
- 5150 Laboratory in Behavioral Neuroscience.** One credit.
- 5180 Laboratory in Learning Theories.** One credit.
- 5210 Adolescent Psychology.** Three credits. Physiological, emotional, mental, and social characteristics of adolescent development, including primary vectors of influence.
- 5220 Correctional Psychology.** Three credits. Law enforcement, delinquency, and criminal psychology, including psychological evaluation, classification, therapy, and rehabilitation. Special classifications. Field problems. Preventive implications.
- 5230 Abnormal Psychology.** Three credits. Patterns of maladaptive behavior, including anxiety, depression, schizophrenia, antisocial behavior, and mental retardation.
- 5240 Behavioral Neuroscience.** Three credits. The role of the brain in those areas which are typically considered by psychology, such as sensory and motor functions, motivation, higher mental functions, and mental disorders.
- 5250 Psychology of Exceptional Children.** Three credits. Identification and etiology of patterns of exceptionality, with consideration given to behavioral manifestations and preventive and correctional programs.
- 5260 Introduction to Psychological Testing.** Three credits. Modern practices in test construction, selection, and application to classroom and guidance situations. (Student required to participate as principal and subject in administration, scoring, profiling, and in making predictions based on test results.)
- 5290 Wage and Salary Administration.** Three credits. Analysis of theory and practice in administering compensation. Practices and issues related to job evaluation, salary market data, pay for performance, and legal considerations.
- 5320 Introduction to Industrial/Organizational Psychology.** Three credits. Application of psychology to business and industry. Topics include employee selection, performance appraisal, training, leadership, motivation, job analysis, legal issues, job satisfaction, work teams, and occupational health.
- 5340 Human Factors Psychology.** Three credits. Prerequisite: PSY 3320/5320 or consent of instructor. The process of designing for human use. Considers individual differences, visual, auditory, and tactile displays, anthropometry, illumination, noise, humans in motion, and space and environmental studies.
- 5350 Safety Psychology.** Three credits. Basic theories of accident causation, safety research literature, methods of accident prevention, and industrial hygiene.
- 5370 Motivation and Work Attitudes.** Three credits. Motivation theories and applications to workplace. Emotions, attitudes, e.g., job satisfaction, organizational commitment, work-family balance. Performance effects.
- 5380 Group Dynamics.** Three credits. Functioning of groups. Includes development of group structure, group conflict, cohesion, social influence, leadership, group productivity, group decision making, and growth groups.
- 5390 Persuasion.** Three credits. Survey and analysis of theory and research on interpersonal influence. Applications of findings to various areas of human experience.
- 5440 Social Psychology of Close Relationships.** Three credits. Prerequisites: PSY 1410 and 2210. Theoretical and empirical issues in the scientific study of adult, close relationships from a social psychological perspective: initial attraction, relationship formation and maintenance, and dissolution. (Not a course in the broad area of marriage and the family; See CDFS 3320 Family Relationships and SOC 2500 Marriage and Family.)
- 5470 Theories of Counseling.** Three credits. Integration of the major theories of counseling and psychotherapy and their application.
- 5480 Learning Theories.** Three credits. Research and experiments in learning and the related growth of the major theories of learning with emphasis on classical and instrumental conditioning and related topics.
- 5490 Operant Conditioning.** Three credits. Prerequisite: PSY 1410. Philosophy of B.F. Skinner's behaviorism explored in his own writings and those of his followers and critics. Current applications of behaviorism in all areas of psychology (child, marriage and family, animal conditioning, mental health, addictions, etc.) also examined.

- 5600 Psychosexual Adjustment.** Three credits. Psychological, cultural, and biological facets of the human sexual experience. Attitudes and behaviors, variances and dysfunctions, implications, and strategies for intervention.
- 5610 Adult Psychology and Aging.** Three credits. A survey of the research on adult development with emphasis on old age. Examines the physical, intellectual, social, vocational, and personality changes during the adult years.
- 5620 Psychology of Women.** Three credits. Psychological impact of the culture on women's attitudes, roles, aspirations, problems, and personality development.
- 5630 Death and Dying.** Three credits. An experiential course covering the folklore of thanatology, the funeral industry, handling grief, counseling the bereaved, the hospice concept. Objectives include an attempt to view death with equanimity and personal growth through confronting death.
- 5655 Foundations of Mental Health Counseling.** Three credits. Prerequisites: PSY 1410 and 3230 or equivalent. History, roles, and duties of the professional mental health counselor. Managed care and third party reimbursement issues, administration and supervision of mental health services, and other salient issues relating to the role of the professional mental health counselor.
- 5660- Psychology Seminar.** One credit each. Representative and integrative study of scientific journals of the field. May be taken for total of three credits.
- 5660 Industrial-Social**
5670 Clinical-Personality
5680 General-Experimental
- 5700 History and Systems of Psychology.** Three credits. A survey of the history and intensive coverage of current systems of psychology.
- 5720 Multicultural Perspectives in Psychology and Education.** Three credits. Theories and research relative to the education of multi-ethnic/racial minorities. Relation of culture and socialization to learning styles, assessment practices, and counseling considerations.
- 5740- Apprenticeship.** One to three credits each. Supervised practical experience utilizing psychological principles and tools in an established organization.
- 5760**
5740 Child
5750 Pre-Clinical
5760 Adolescent
- 5780 Human Neuropsychology.** Three credits. Prerequisite: PSY 5240 or consent of instructor. Organization and function of specific brain areas and the behavioral deficits and changes resulting from focal and diffuse brain damage.
- 5820 Psychology of Language.** Three credits. Prerequisite: PSY 1410. A cognitive approach to how people learn and use language to communicate. Covers basic psycholinguistics (production, perception, comprehension, and mental representation), language acquisition, and applied psycholinguistics (bilingualism, language disorders, and machine language).
- 6010 Clinical Interventions.** Three credits. Prerequisites: Admission to the clinical program or permission of instructor; PSY 6510, 6800, and 6840. A supervised experience in which the student learns how to apply techniques of clinical interviewing for the purpose of developing, implementing, and evaluating treatment plans for clients. Liability insurance required prior to enrollment.
- 6020 Theories of Personality.** Three credits. Examines traditional schools of personality theory and current developments within each.
- 6030 Current Topics in Personality.** Three credits. Examines current research findings on personality traits and personality-related processes.
- 6040 Topics in Industrial/Organizational Psychology.** Three credits. Focus on practical aspects of functioning as a professional in the field. Current issues, recent developments, and less-traditional relevant areas.
- 6050 Psychological Testing.** Three credits. Prerequisite: PSY 3020 or equivalent. Modern practices in test construction, selection, and application; legal guidelines, reliability, and validity. Intelligence, abilities, interests, attitudes, values, and personality testing. Students required to participate as examiners and subjects in administering, scoring, profiling, and in making predictions based on test results.
- 6060 School Psychology: Ethics and Practice.** Three credits. An introduction with particular emphasis on the psychosocial perspective. Adaptive instruction of behavior measures included, as are observations of classrooms and teacher interviews.
- 6065 Introduction to School-Based Mental Health Services.** Three credits. School psychologist's role as a mental health service provider with both a practical and theoretical focus. Basic helping and interviewing skills.
- 6070 Advanced Industrial Organizational Training and Development.** Three credits. Prerequisite: PSY 3020 or equivalent. Theory and methodology used in the training and development of human resources in organizations: needs assessment, program development, program evaluation, and legal and special issues in training and development.
- 6080 Interventions with Children and Adolescents.** Three credits. Prerequisite: PSY 5250 or 6400 or permission of instructor. Theoretical and practical issues related to interventions with children and adolescents exhibiting behavioral and emotional problems. Intervention strategies for specific problems. Experience designing and evaluating intervention plans. Legal, ethical, and practical issues.
- 6085 Pre-Practicum for Industrial/Organizational Psychology.** One credit. Expectations, requirements, and procedures involved in a practicum in the Industrial/Organizational Psychology program. Encourages students to assess career goals and helps facilitate selection of a practicum that moves toward exploring and meeting those career goals.
- 6090 Practicum: Industrial/Organizational Psychology.** Three credits. Prerequisite: Consent of instructor. Supervised experience in industry, business, or government using psychological principles at a professional, applied level.
- 6100 Intellectual Assessment.** Three credits. Prerequisite: PSY 4260/5260 or 6050. Practical didactic instruction in theory and practice of intelligence testing. Practical supervised experience in rapport, administration, scoring, and interpretation of individual intelligence tests for all age levels. Liability insurance required.
- 6101 Laboratory in Intellectual Assessment.** One credit. Skill development in completing intellectual assessments, calculating scores, and conducting parent conferences in a laboratory setting.

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- 6102 Theory of Health Education and Behavior.** Three credits. (Same as HLTH 6102.) Links behavioral change theory to the research and practice of interventions in health behaviors. Application of the theoretical constructs is linked to design, implementation and evaluation of individual, and group behavioral change programs.
- 6105 Psychoeducational Assessment of Preschool Children.** Three credits. Prerequisite: PSY 6100. Instruction in theory and practice relevant to the assessment of preschool age children's cognitive, social, and emotional functioning. Field experience and liability insurance required.
- 6120 Developmental Psychology: Child.** Three credits. Survey of research including prenatal, neonatal, and general physical development, emotional development, cognitive development, and social and personality development. Observations.
- 6130 Developmental Psychology: Adolescent.** Three credits. Survey of research on adolescence from a biopsychosocial perspective. Student observation and study of developing adolescents from cognitive, biological, social, and psychological frameworks.
- 6140 Practicum: School Psychology.** Three credits. Prerequisite: 15 semester hours of related graduate credits, including 6060, 6080, 6100, 6750, and 6770. Supervised assessment of low incidence learning and adjustment problems with follow-up parent, teacher, and administrator conferences. Practicum experience includes 90 hours of supervised work with a practicing, certified, full-time psychologist. At least 50 percent of the practicum placement shall be in a school setting. Liability insurance required prior to enrollment.
- 6150 Career Counseling.** Three credits. Prerequisites: PSY 5260 (or 6050) and 6260 or permission of department. History, theory, and issues related to career development, career choice, and career education. Demonstration of the ability to teach career information seeking behavior and decision-making skills.
- 6160 Foundations of School Counseling.** Three credits. History, foundations, philosophy, and principles of developmental school counseling; roles and functions of school counselors, including professional and personal requirements.
- 6170 Group Counseling and Psychotherapy.** Three credits. Prerequisites: PSY 5470 or 6020; PSY 6260 or 6010; permission of instructor. Corequisite: PSY 6180. Group process, ethics, and techniques. Application of counseling theory, group procedures, sociometrics, and group dynamics to interpersonal relations, mental health, school, and industrial settings. Supervised experience. Liability insurance required prior to enrollment.
- 6180 Laboratory in Group Counseling and Psychotherapy.** One credit. Taken in conjunction with PSY 6170. Students will experience group process as members of a growth group during the first half of the semester and will demonstrate group skills as leaders of group session(s) during the second half of the semester.
- 6190 Advanced Cognitive Psychology.** Three credits. Topic-oriented overview of cognitive psychology. Models of attention, perception, memory, language, reasoning, problem solving, and decision making. Issues in cognitive development and cognitive neuropsychology.
- 6210/ 7210 Advanced Psychometrics.** Three credits. Prerequisites: PSY 6280, HHP 6700, or equivalent. Classical test theory and item response theory. Model, assumptions, and problems of classical test theory. Mathematical modeling, parameter estimating, and adaptive testing procedures using item response theory. Both theories utilized for test construction.
- 6220 Organization and Administration of School Counseling Services.** Three credits. Prerequisite: PSY 6160. Organizing, administering, and managing the various components of a developmental school guidance and counseling program.
- 6230 Legal and Ethical Issues in Counseling.** Three credits. Legal, ethical, and professional issues pertaining to the practice of school and mental health counseling.
- 6240 Projective Measurements.** Three credits. Prerequisite: PSY 6100, 4260/5260, or 6050. Rationale and systematic supervised training in use and scoring of Rorschach (half semester) and other projective devices (half semester). Liability insurance required prior to enrollment.
- 6250 Objective Personality Assessment.** Three credits. Prerequisites: PSY 4260/5260 or 6050; PSY 6100. Practical supervised experience in objective measurement, analysis, and pattern confirmations of key variables of personality, both for normative and specific divergent groups. Emphasis on MMPI. Liability insurance required prior to enrollment.
- 6260 Pre-Practicum in Counseling.** Three credits. Prerequisite: PSY 5470 or permission of instructor. Introduces basic communication skills, techniques, and process involved in working with clients in a counseling relationship; extensive role-play practice with peer and faculty feedback. Liability insurance required prior to enrollment.
- 6270 Practicum in Counseling.** Three credits. Prerequisites: PSY 5470, 6170, 6180, 6230, 6260; permission of instructor. Practical supervised experience in individual and group counseling in a school setting and MTSU Psychological Services Center; audio and/or video taping of sessions for peer and faculty feedback.
- 6280 Psychological Statistics: Regression.** Three credits. Prerequisite: PSY 3020 or equivalent and satisfactory score on screening examination. Corequisite: PSY 6281. Review of basic statistics; various correlation coefficients; multiple and partial correlation; simple and multiple regression. Laboratory included.
- 6281 Psychological Statistics Regression Lab.** Zero credits. Corequisite: PSY 6280.
- 6290 Psychological Statistics: Anova.** Three credits. Prerequisite: PSY 3020 or equivalent. Corequisite: PSY 6291. Review of basic statistics. Scientific quantification, research design, and statistical analysis from the perspective of analysis of variance: one-way, factorial, repeated measures, and mixed designs. Laboratory included.
- 6291 Psychological Statistics: Anova Lab.** Zero credits. Corequisite: PSY 6290.
- 6320 Performance Appraisal and Job Analysis.** Three credits. Prerequisites: PSY 6280 or permission of instructor. Analysis of theory and practice in job analysis and performance appraisal, including legal aspects, a survey of techniques available, current research, cognitive aspects, and reliability and validity issues.
- 6330 Professional Issues in Industrial/Organizational Psychology.** One credit. Survey of issues related to professional ethics, relevant legislation, professional affiliations, professional identity, and professional responsibilities.
- 6340 Behavioral Medicine: Theory and Application.** Three credits. Prerequisite: Consent of instructor. Review theory, methodology, and application of behavioral medicine. Includes behavioral science issues in health and applications of this information to diagnosis,

prevention, treatment, and rehabilitation of health problems for which "life-stress" factors predominate. See PSY 6350.

- 6350 Laboratory in Behavioral Medicine.** One credit. Prerequisite: Consent of instructor.
- 6360 Organizational Change and Development.** Three credits. Prerequisite: PSY 6450 or permission of instructor. Analysis of theory and practice of organizational change and development, process of change, organizational development (OD) interventions, and evaluation and research of OD effectiveness.
- 6365 Organizational Surveys and Employee Attitudes and Motivation.** Three credits. Prerequisite: PSY 6450. Special topics in employee attitudes and motivation and the measurement of employee attitudes through the use of organizational surveys. Develops skills in survey techniques and includes practical experience with surveys.
- 6370 Organizational Skills.** Three credits. Prerequisite: PSY 6450 or permission of instructor. Analysis of a variety of interpersonal situations which impact organizational effectiveness and climate. Development of skills: conflict resolution, interviewing, performance feedback, effective meetings, giving recognition, discipline.
- 6380 Work Group Effectiveness.** Three credits. Prerequisite: PSY 5380, 6450, or permission of instructor. Analysis of factors leading to effective work groups. Topics covered include task effects on performance, group composition, leadership, group processes, and team building.
- 6400 Psychological Disorders of Children.** Three credits. Current research and theory of behavioral, cognitive, and emotional disorders in childhood and adolescence.
- 6410 Development Across the Lifespan.** Three credits. Theories and characteristics of human development covering the lifespan.
- 6420 Advanced Personnel Selection and Placement.** Three credits. Prerequisites: PSY 5260 or 6050 and preferably PSY 6280. Legal and research aspects of personnel selection. Methods used for selection, including assessment centers, work samples, and psychological testing.
- 6430 Internship: Behavior Modification.** Two to ten credits; may be repeated; enrollment must be continuous. Prerequisites: 30 semester hours of psychology including 4400, 5480, or 6020. Minimum of 128 hours of supervised internship in an institutional setting. Liability insurance required prior to enrollment.
- 6440 Advanced Applied Behavioral Analysis.** Three credits. Prerequisite: PSY 4400 or permission of instructor. Intensive presentation of methods used in behavioral assessment and therapy. Application of various behavioral and cognitive-behavioral procedures.
- 6450 Advanced Organizational Psychology.** Three credits. Review of theory and empirical research in organizational psychology. Students will apply theory and research findings to understand and explain work behavior at the individual, group, and organizational levels and will use this knowledge to solve organizational problems.
- 6460 Factor Analysis and Related Methods.** Three credits. Prerequisites: PSY 6280, HHP 6700, or equivalent. Surveys each of the major factor analysis techniques and related latent trait theory with main focus on application. Nature, power, procedure, computer programming, interpretation, and limitations of each technique.
- 6480 Advanced Topics in Quantitative Psychology.** Three credits. Prerequisites: PSY 6280 or equivalent. Advanced topics in quantitative psychology. Focus on current topics, recent issues, and less traditional areas of quantitative psychology. Relevant computer programs. May be repeated for a total of six credits.
- 6490 Practicum: Quantitative Psychology.** Three credits. Prerequisites: 30 credit hours of psychology including 6050, 6210, 6280, 6290, 6460, 6560, 6580, or consent of the instructor. Supervised experience in statistical consultation for social and behavioral sciences. 300 clock hours.
- 6500 Behavioral Methodology.** Three credits. Techniques for design and evaluation of clinical treatment and research. Includes single subject and group designs. Emphasis on direct observation and data collection procedures, reliability, social validity, and generalization.
- 6510 Psychopathology.** Three credits. Prerequisite: PSY 3230/5230. Extensive examination of the disorders included in the current diagnostic manual. Emphasis on adult disorders. Objectives are to enhance understanding of psychopathology and to develop minimal competence in diagnosis.
- 6520 Psychopharmacology.** Three credits. Biochemical, neurophysiological, and neuroanatomical basis; emphasis on drugs used in investigating and treating psychological disorders.
- 6530/ 7530 The Psychology of Reading and Reading Development.** Three credits. Overview of the cognitive processes involved in reading. The structure of both oral and written language; cognitive mechanisms in reading; language development and the acquisition of reading skills; developmental and acquired disorders of language and reading.
- 6540 Internship: Mental Health Counseling.** Three to six credits. Prerequisites: PSY 6270 and permission of the Mental Health Counseling program coordinator. Minimum of 900 supervised internship hours in a mental health setting. May be repeated; enrollment must be continuous.
- 6550 Structural Equation Modeling.** Three credits. Prerequisites: PSY 6280, HHP 6700, or equivalent. Structural equation modeling. Review of correlation, multiple regression and path analysis. Conceptual review of measurement models. Model specification, estimation, goodness of fit, and power of structural equation models. Relevant computer programs.
- 6560 Computer-Based Statistical Packages.** Three credits. Prerequisite: PSY 3020 or equivalent. History, principles, and skills of data analysis, using major statistical packages. Commands in both DATA and PROC steps. Other features including various functions, graphics, full screen process (FSP), and interactive matrix language (IML).
- 6570 Psychological Research Methods in Human Resource Management.** Three credits. Prerequisite: PSY 6280 or permission of instructor. Theory and appropriate methodology for conducting research relevant to human resource practices in organizations. Applied psychometric theory and quasi-experimental design.
- 6580/ 7580 Multivariate Data Analysis.** Three credits. Prerequisites: PSY 6280, HHP 6700, or equivalent. Surveys each of the major multivariate data analysis techniques, with main focus on their application. Nature, power, procedure, computer programming, interpretation, and limitations of each.

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- 6585/ 7585 Test Construction and Validation.** Three credits. Prerequisite: PSY 6210/7210 or equivalent. Surveys principles in item and test construction. Actual development of items and tests in the student's own field and validation of the items and tests through both classical test theory and item response theory.
- 6610 Introduction to Educational and Psychological Research.** Three credits. Prerequisites: PSY 3020 and 4260/5260 or 6050. Research in education and psychology, research strategies, research ethics, research writing and reporting. Planning, implementing, and writing an approved scholarly research proposal.
- 6615 Basic and Applied Research Methods in Psychology.** Three credits. Prerequisite: A grade of C or higher in PSY 3020 and 3070 or equivalent training (permission of department). Survey of experimental and quasi-experimental research designs employed in mental health fields. Theoretical and practical knowledge of various research designs and data analysis procedures explored through class lectures and lab assignments. Offers preparation for those training to become mental health practitioners to understand and critically evaluate psychological research.
- 6620 Independent Study: Industrial/Organizational Psychology.** One to three credits. Prerequisite: Permission of instructor. Individualized library or empirical research project approved by instructor. A maximum of three credits will apply to a masters degree.
- 6640 Thesis Research.** One to six credits. Selection of a research problem, review of pertinent literature, collection and analysis of data, and composition of thesis. Once enrolled, student should register for at least one credit hour of master's research each semester until completion. S/U grading.
- 6645 Foundations of Health Psychology.** Three credits. Introduction to principles, practices, theories, and research in health psychology. Study of factors influencing psychological and physical health. Involves a biopsychosocial approach to research in illness and behavioral health.
- 6650 Positive Psychology.** Three credits. Introduction to theories and research in positive psychology. Topics relevant to the nature of psychological well-being: research on happiness, life satisfaction, creativity, wellness, self-actualization, wisdom, plus applications in a number of areas.
- 6655 Field Study in Health Psychology.** One credit. Prerequisite: 9 hours of graduate health psychology courses. Students will be required to work in an applied setting under the supervision of a health psychology research professional. May be repeated for a total of 3 credit hours. S/U grading.
- 6690 Professional Issues and Roles.** Three credits. Systematic survey of ethical practice requirements, certification, and licensure for psychological practice. Examines critical issues facing psychology and roles of psychologists.
- 6710 Community Psychology.** Three credits. Examines community psychology and how person-environment interactions contribute to the mental health and well-being of the community. Research, environmental influences on psychological and community well-being, prevention and health promotion, program evaluation and consultation in community settings examined. Field experiences included.
- 6750 Psychology and Assessment of Learning Disabilities.** Three credits. Prerequisite: PSY 6100; corequisite: PSY 6760. Characteristics and biological bases of learning disabilities. Assessment methods including CBMs, interventions including RTI, and consultation strategies for working with children with learning disabilities with reference to family, school, and community as sources of understanding and treatment. Liability insurance required prior to enrollment.
- 6760 Educational Assessment.** One credit. Prerequisite: PSY 6100; corequisite: PSY 6750. Skills in conducting educational assessment for completing evaluations of children suspected of having learning disabilities.
- 6765 Diagnosis and Treatment Planning in Counseling.** Three credits. Prerequisites: PSY 3230/5230 and 6270 or equivalent; PSY 6410 recommended. Development of skills in the diagnosis and treatment of select mental disorders across the life span. Treatment planning strategies using empirically based treatment interventions. Examines effect of mental disorders on normal development.
- 6770 Assessment and Therapeutic Interventions for Children's Emotional Problems.** Three credits. Prerequisites: PSY 6100 and either 5250 or 6400. Personality and behavioral assessment with children. Linking assessment and diagnosis to therapeutic intervention. Developing therapeutic relationships with children.
- 6780 Clinical Neuropsychology.** Three credits. Prerequisites: PSY 5780, 6100, and 6250 or consent of instructor. Review of human neuro-anatomy and neurophysiology. Administration of representative neuropsychological test batteries, especially the Halstead-Reitan Neuropsychological Test Battery. Applied experience with clinical population. Liability insurance required prior to enrollment.
- 6785 Principles of Behavior Analysis.** Three credits. Reinforcement theory and practice in applied settings with an emphasis on basic and advanced issues and best practices in behavioral control using reinforcers, punishers, discrimination, avoidance, shaping of new behaviors, chaining, contingencies, maintenance, and transfer. Special topics include language learning and training and the moral and legal controls in behavioral analysis.
- 6801 Interviewing and Intervention.** Three credits. Interview and intervention techniques common to most psychological assessment procedures and therapies: rapport-building, interviewing skills, management of dangerous or suicidal clients, consultation, and referrals.
- 6820 Family Therapy: Evaluation and Treatment Planning.** Three credits. Examination of evaluation and intervention procedures of major models of family therapy. Emphasis on ethical issues for practitioners of family therapy.
- 6841 Theories of Individual Psychotherapy.** Three credits. Prerequisites: PSY 6800 or 6801. Intensive presentation of theory and methods used in psychotherapy. Evaluation of standard of care and treatment effectiveness.
- 6850 Field Practicum (Clinical).** Three credits. Prerequisites: Admission to the clinical program or permission of the instructor; 24 hours including PSY 6010, 6100, 6101, 6250, 6510, 6690, and 6840. Supervised clinical training in a community mental health agency. Supervision by a licensed psychologist at the agency. 300 clock hours for 3 credit hours. Liability insurance required prior to enrollment.
- 6851 Assessment Field Practicum (Clinical).** Three credits. Prerequisites: Admission to the clinical master's program (or permission of instructor) and successful completion of clinical master's program core coursework. Supervised clinical training in psychological assessment and diagnostics in a community mental health or related agency. Supervision by a licensed psychologist at the agency required and provided. Liability insurance required prior to enrollment.

6860 Field Practicum (Clinical). Three credits. Prerequisite: PSY 6850. Must be taken in semester immediately following 6850. Continuation of supervised clinical training in a community mental health agency. Supervision by a licensed psychologist at the agency. 300 clock hours for 3 credit hours. Liability insurance required prior to enrollment.

6870 Field Practicum (Clinical). Three credits each. Prerequisites: Admission to the clinical program or permission of the instructor; 24 hours including PSY 6510, 6100, 6250, 6010, 6840, and 6690. Supervised clinical training in a community mental health agency. Supervision by a licensed psychologist at the agency. 300 clock hours for 3 credit hours. Liability insurance required prior to enrollment.

6885 Play Therapy: Therapy and Practice. Three credits. Prerequisites: Permission of instructor and one of the following: PSY 6010, 6080, or 6270 or equivalent. Covers various theories and techniques of play therapy useful to both the school counselor and school psychologist and to the practitioner in community practice. Includes a practicum experience using play therapy with young children in play therapy lab. Liability insurance required prior to enrollment.

6890 Consultation. Three credits. Prerequisite: PSY 6270 or 6010 or 6080 or permission of instructor. Course must be taken prior to or concurrent with the first internship (6920 or 6930). Theory and practice of consultation as a useful technique in the helping professions. Applied experiences in schools and other settings. Liability insurance required prior to enrollment.

6900 Assessment of School Counseling Area Licensing Competencies. One to two credits. For the advanced student who by exceptional prior training or experience believes coursework for competence mastery is unnecessary in one or more of the licensing areas. All credit earned may be applied to a Master of Education degree in Psychology. May be repeated ten times.

6920 Internship: Secondary School Counseling. One to six credits. Prerequisite: PSY 6270. Actual experience in the counseling, consulting, coordinating services to adolescents, teachers, and parents. Requires 300 hours in the schools, with at least 40 percent in direct service. Liability insurance required prior to enrollment.

6930 Internship: Elementary School Counseling. One to six credits. Prerequisite: PSY 6270. Actual experience in the school providing counseling, consulting, coordinating services to children, teachers, and parents. Requires 300 hours in the schools, with at least 40 percent in direct service. Liability insurance required prior to enrollment.

6960 Internship: School Psychology. Two to ten credits; may be repeated. Prerequisites: 30 semester hours of psychology including 6060, 6100, 6140, and 6770; approved thesis proposal. Minimum of 720 hours supervised internship, at least half in a school system. Not acceptable as Ed.S. internship. Liability insurance required prior to enrollment.

6970- Independent Study in School Psychology. One credit each.

6990 Competencies-oriented individualized study.

6970 Learning

6980 Fieldwork. Competencies-oriented field experience. Forty-five hours of work as a school psychologist in training. Course may be repeated up to three times for credit.

6990 Assessment and Consultation

Independent Research in Psychology. One to three credits per semester; may be taken more than once. Prerequisite: Permission of instructor. Individualized empirical research and library research approved by the instructor.

6310 Industrial/Organizational (1-3 credits applicable to degree)

6390 Clinical (1-3 credits applicable to degree)

6600 General/Experimental (1-9 credits applicable to degree)

6910 Counseling (1-3 credits applicable to degree)

6940 School (1-3 credits applicable to degree)

Literature Review and Reading in Psychology. One to three credits. Supervised literature review and/or readings on a topic of current importance in psychology. Topics and requirements obtained from individual faculty members. Specific courses may be repeated to a total of 6 credits.

6300 Industrial/Organizational

6590 General/Experimental

6630 Clinical

6660 Quantitative

6670 Behavioral Neuroscience

6680 Cognitive

6700 Developmental

6720 Learning

6730 Personality

6740 Reading

6790 Sensation and Perception

6810 Social

6950 School

6999/ 7999 Comprehensive Examination and Preparation. One credit. Open only to students who are not enrolled in any other graduate course and who will take the master's comprehensive examination during the term. The student must contact the graduate advisor during the first two weeks of the term for specifics regarding the details of this comprehensive examination preparatory course. Credit may not be applied to degree requirements.

7080 Practicum: Advanced Interventions with Children. Three credits. Prerequisite: PSY 6080. Theoretical and practical issues related to school interventions with children exhibiting psychological and behavior problems. Advanced skills development in consultation with parents and teachers, psychotherapy with children, and brief, short-term family therapy.

7100 Multicultural and Social Bases for Assessment and Intervention Practices. Three credits. Prerequisite: PSY 6140 or PSY 6270. Theoretical and practical issues related to appropriate practices in assessment, diagnosis, and therapeutic interventions for youth of diverse ethnic and cultural groups.

7520 Assessment and Treatment of Addictions. Three credits. Systematic analysis of the additional phenomena with particular emphasis on dynamics and behavioral manifestations. Alcohol, street and prescription drugs, gambling, TV, religion, politics, and sex as aberrational forms of altering consciousness explored. Causation, clinical diagnostics, and treatment procedures as well as prevention are addressed in detail.

7810 Advanced Internship: School Psychology. Three to six credits. Prerequisites: 60 semester hours of approved graduate classes and an M.A. degree; PSY 6140, 6890, and 7080. Minimum of 1200 hours supervised internship, at least half in a public school system. Liability insurance required prior to enrollment. May be repeated; enrollment must be continuous.