

WSU CLINICAL PSYCHOLOGY DOCTORAL PROGRAM STUDENT LEARNING OUTCOMES

Aim #1: To produce graduates who have a broad knowledge of scientific psychology.

Student Learning Outcomes

1.1 Students will acquire discipline specific knowledge of the core domains.

Aim #2: To produce graduates who can provide evidence-based clinical services that are consistent with ethical and professional standards, including knowledge of and sensitivity to issues of diversity.

Student Learning Outcomes

2.1 Students will acquire profession-wide competencies related to assessment and intervention services, starting with detailed knowledge about psychopathology.

2.2 Students will acquire profession-wide competencies related to assessment and intervention services, including detailed knowledge about evidence-based psychological interventions.

2.3 Students will acquire profession-wide competencies related to assessment and intervention services, including detailed knowledge about psychological assessment.

2.4 Students will acquire profession-wide competencies related to assessment and intervention services, including detailed knowledge about consultation and supervision.

2.5 Students will acquire and demonstrate profession-wide competencies related to individual and cultural diversity, including sensitivity, knowledge, and skills in regard to the role of human diversity in clinical psychology.

2.6 Students will acquire and demonstrate the profession-wide competencies related to ethical and legal standards, demonstrating knowledge necessary to engage in ethical practice.

2.7 Students will develop and demonstrate profession-wide competencies related to: (a) professional values, attitudes, and behaviors; (b) communication and interpersonal skills; (c) interprofessional/interdisciplinary skills providing a range of clinical services, including both therapy and assessment.

Aim #3: To produce graduates who are capable of contributing to current knowledge in clinical psychology.

Student Learning Outcomes

3.1 Students will acquire discipline specific knowledge of research methodology and statistical analysis.

3.2 Students will demonstrate the ability to produce original scholarship by executing an empirical study and communicating the findings in both written and oral format.

3.3 Students will demonstrate the ability to produce a collection of research and clinical products and to disseminate them to the scholarly community.

3.4 Students will demonstrate the ability to contribute to a research team.

**WSU CLINICAL PSYCHOLOGY DOCTORAL PROGRAM STUDENT LEARNING OUTCOMES
Competencies, Outcome Measurement, and Minimum Level of Achievement Expected**

Aim #1: To produce graduates who have a broad knowledge of scientific psychology.
Student Learning Outcome 1.1: Students will acquire discipline specific knowledge of the core domains.
<p>Competencies:</p> <ol style="list-style-type: none"> 1. Students will master academic material concerning the biological bases of behavior. 2. Students will master academic material concerning the cognitive bases of behavior. 3. Students will master academic material concerning the affective bases of behavior. 4. Students will master academic material concerning social bases of behavior. 5. Students will master academic material concerning human development. 6. Students will master academic material concerning history and systems of psychology. 7. Students will demonstrate the ability to integrate knowledge across two or more basic discipline-specific content areas in an advanced way.
<p>Measurement of Outcomes and Minimum Level of Achievement (MLA) for Competency:</p> <ul style="list-style-type: none"> • Students must earn a minimum of a B- in each of the following core courses to demonstrate minimum level of achievement (MLA) for the competencies. Competency is assessed in a variety of ways in these courses, with most courses using some combination of tests, term papers, and class projects/presentations. The courses that fulfill each respective area are as follows: <ul style="list-style-type: none"> ○ Biological bases of behavior: PSYCH 575: Foundations of Neuropsychology; ○ Cognitive bases of behavior: PSYCH 592: Cognition and Affective Basis of Behavior; ○ Affective bases of behavior: PSYCH 592: Cognition and Affective Basis of Behavior; ○ Social bases of behavior: PSYCH 550: Social Psychology; ○ Human development: PSYCH 518: Lifespan Developmental Psychology; ○ History and systems: PSYCH 504: History of Psychology: Theoretical and Scientific Foundations; ○ Advanced Integrative Knowledge of Basic Discipline-Specific Content Areas: PSYCH 575: Foundations of Neuropsychology. • Students must earn an “Acceptable” rating on their annual evaluation for “quality of academic work” prior to leaving for the pre-doctoral clinical internship. If “quality of academic work” is rated as “unacceptable” for any annual evaluation before that year, a remediation plan will be implemented.
Aim #2: To produce graduates who can provide evidence-based clinical services that are consistent with ethical and professional standards, including knowledge of and sensitivity to issues of diversity.
Student Learning Outcome 2.1: Students will acquire profession-wide competencies related to assessment and intervention services, starting with detailed knowledge about psychopathology.
<p>Competencies:</p> <ol style="list-style-type: none"> 1. Students will master academic material on adult psychopathology. 2. Students will master academic material on child and adolescent psychopathology.

Note. MLA = Minimum Level of Achievement

Measurement of Outcomes and MLA for Competency:

- Students must earn at least a B- in each:
 - PSYCH 533: Adult Psychopathology;
 - PSYCH 543: Developmental Psychopathology and Evidence-Based Assessment for Children.
- Students must earn an “Acceptable” rating on their annual evaluation for “quality of academic work” prior to leaving for the pre-doctoral clinical internship. If “quality of academic work” is rated as “unacceptable” for any annual evaluation before that year, a remediation plan will be implemented.

Student Learning Outcome 2.2: Students will acquire profession-wide competencies related to assessment and intervention services, including detailed knowledge about evidence-based psychological interventions.

Competencies:

1. Students will master academic material on adult psychotherapy.
2. Students will master academic material on clinical health and primary care psychology.

Measurement of Outcomes and MLA for Competency:

- Students must earn at least a B- in each:
 - PSYCH 520: Adult Psychotherapy;
 - PSYCH 544: Clinical Health and Primary Care Psychology.
- Students must earn an “Acceptable” rating on their annual evaluation for “quality of academic work” prior to leaving for the pre-doctoral clinical internship. If “quality of academic work” is rated as “unacceptable” for any annual evaluation before that year, a remediation plan will be implemented.

Student Learning Outcome 2.3: Students will acquire profession-wide competencies related to assessment and intervention services, including detailed knowledge about psychological assessment.

Competencies:

1. Students will master academic material on psychometrics.
2. Students will master academic material on personality assessment and diagnosis.
3. Students will master academic material on intellectual and neuropsychological assessment.
4. Students will master academic material on child and adolescent assessment.

Measurement of Outcomes and MLA for Competency:

- Students must earn at least a B- in each:
 - PSYCH 514: Psychometrics
 - PSYCH 535: Personality Assessment and Diagnosis;
 - PSYCH 539: Cognitive and Neuropsychological Assessment;
 - PSYCH 543: Developmental Psychopathology and Evidence-Based Assessment for Children.
- Students must earn an “Acceptable” rating on their annual evaluation for “quality of academic work” prior to leaving for the pre-doctoral clinical internship. If “quality of academic work” is rated as “unacceptable” for any annual evaluation before that year, a remediation plan will be implemented.

<p>Student Learning Outcome 2.4: Students will acquire profession-wide competencies related to assessment and intervention services, including detailed knowledge about consultation and supervision.</p>
<p>Competencies:</p> <ol style="list-style-type: none"> 1. Students will master academic material addressing consultation. 2. Students will master academic material addressing supervision.
<p>Measurement of Outcomes and MLA for Competency: Students must meet each:</p> <ul style="list-style-type: none"> • Students must score 80% or higher on average on the series of quizzes following consultation didactics; • Students must score 80% or higher on average on the series of quizzes following supervision didactics.
<p>Student Learning Outcome 2.5: Students will acquire and demonstrate profession-wide competencies related to individual and cultural diversity, including sensitivity, knowledge, and skills in regard to the role of human diversity in clinical psychology.</p>
<p>Competencies:</p> <ol style="list-style-type: none"> 1. Students will master academic material on human diversity. 2. Students will successfully handle diversity issues throughout their practicum placements.
<p>Measurement of Outcomes and MLA for Competency: Students must meet each:</p> <ul style="list-style-type: none"> • Students must earn at least a B- in PSYCH 552: Diversity Issues in Psychology. • Students must receive a rating of at least “Meets Expectations” on the diversity-specific item(s) on evaluations from their practicum supervisor(s). • Students must earn an “Acceptable” rating on their annual evaluation for “quality of academic work” prior to leaving for the pre-doctoral clinical internship. If “quality of academic work” is rated as “unacceptable” for any annual evaluation before that year, a remediation plan will be implemented. • Students must earn at least a “Meets Expectations” rating on their annual evaluation for “overall clinical skills” prior to leaving for the pre-doctoral clinical internship. If “overall clinical skills” is rated as “fails to meet expectations” for any annual evaluation before that year, a remediation plan will be implemented.
<p>Student Learning Outcome 2.6: Students will acquire and demonstrate the profession-wide competencies related to ethical and legal standards, demonstrating knowledge necessary to engage in ethical practice.</p>
<p>Competencies:</p> <ol style="list-style-type: none"> 1. Students will master academic material on professional, ethical, and legal issues. 2. Students will demonstrate successful handling of ethical and professional issues throughout their practicum placements.
<p>Measurement of Outcomes and MLA for Competency:</p> <ul style="list-style-type: none"> • Students must earn at least a B- in PSYCH 530: Professional, Ethical, and Legal Issues. • Students must receive ratings of at least “Meets Expectations” on the on the items addressing clinic policies/procedures, HIPAA, and the APA Ethics Code from their practicum supervisor(s). • Students must earn an “Acceptable” rating on their annual evaluation for “quality of academic work” prior to leaving for the pre-doctoral clinical internship. If “quality of

Note. MLA = Minimum Level of Achievement

academic work” is rated as “unacceptable” for any annual evaluation before that year, a remediation plan will be implemented.

- Students must earn at least a “Meets Expectations” rating on their annual evaluation for “overall clinical skills” prior to leaving for the pre-doctoral clinical internship. If “overall clinical skills” is rated as “fails to meet expectations” for any annual evaluation before that year, a remediation plan will be implemented.

Student Learning Outcome 2.7: Students will develop and demonstrate profession-wide competencies related to: (a) professional values, attitudes, and behaviors; (b) communication and interpersonal skills; (c) interprofessional/interdisciplinary skills providing a range of clinical services, including both therapy and assessment.

Competencies:

1. Students will demonstrate professional values, attitudes, and behavior (e.g., prepared/on time for clients and supervision) across practicum experiences.
2. Students will demonstrate communication and interpersonal skills (e.g., collaboration with colleagues; feedback to clients) across practicum experiences.
3. Students will demonstrate basic psychotherapy skills in two semesters of beginning practicum at WSU Counseling and Psychological Services.
4. Students will demonstrate interprofessional/interdisciplinary skills (e.g., collaboration with other health professionals) at more advanced practicum sites/externship placements (e.g., Marimn Health Center, Cougar Health Services – Behavioral Health).
5. Students will demonstrate the competent practice of psychotherapy at the WSU Psychology Clinic and various externship placements, including successful implementation of empirically-supported interventions.
6. Students will demonstrate competent psychological assessment skills at the WSU Psychology Clinic and various externship placements, including the ability to administer, score, and interpret a range of personality and cognitive measures as well as integrate these findings into an assessment report that clearly addresses the referral question(s).
7. Students will demonstrate the competent practice of psychotherapy and psychological assessment during internship.

Measurement of Outcomes and MLA for Competency: Students must meet each:

- Satisfactory ratings in (a) professional values, attitudes, and behavior; and (b) communication and interpersonal skills across practica, starting with the Counseling and Psychological Services practicum (defined as 80% or more items on the practicum evaluation rated as at least “Meets Expectations”) and earning a Satisfactory (S) grade in all enrolled practicum courses each semester (i.e., PSYCH 545: Psychology Clinic Assessment and Psychotherapy Practicum, PSYCH 537: Psychology Clinic Assessment Practicum, PSYCH 546: Counseling and Psychological Services Practicum, and/or PSYCH 548: Clinical Externship).
- Satisfactory ratings in basic psychotherapy skills during the Counseling and Psychological Services practicum (defined as 80% or more items on the practicum evaluation rated as at least “Meets Expectations”) and earning a Satisfactory (S) grade in PSYCH 546: Counseling and Psychological Services Practicum.
- Satisfactory ratings of advanced level psychotherapy skills, including the implementation of empirically-supported interventions across practicum sites (defined as 80% or more

items on the practicum evaluation rated as at least “Meets Expectations”) and earning a Satisfactory (S) grade in all enrolled practicum courses each semester (i.e., PSYCH 545: Psychology Clinic Assessment and Psychotherapy Practicum, PSYCH 546: Counseling and Psychological Services Practicum, and/or PSYCH 548: Clinical Externship).

- Satisfactory ratings of diagnosis and assessment skills (defined as 80% or more items on the practicum evaluation rated as at least “Meets Expectations”) and earning a Satisfactory (S) grade in all enrolled practicum or practica each semester (i.e., PSYCH 545: Psychology Clinic Assessment and Psychotherapy Practicum, PSYCH 537: Psychology Clinic Assessment Practicum, and/or PSYCH 548: Clinical Externship).
- Satisfactory ratings in interprofessional/interdisciplinary skills during more advanced practica, such as Marimn Health or Cougar Health Services – Behavioral Health (defined as 80% or more items on the practicum evaluation rated as at least “Meets Expectations”) and earning a Satisfactory (S) grade in all enrolled practicum or practica each semester (i.e., PSYCH 545: Psychology Clinic Assessment and Psychotherapy Practicum and/or PSYCH 548: Clinical Externship).
- Successful completion of a year-long (or equivalent) APA-accredited predoctoral internship, including a satisfactory final evaluation (based on the site-specific format) from the Director of Training at the internship site and earning a Satisfactory (S) grade in PSYCH 595: Clinical Internship in Psychology.
- Students must earn at least a “Meets Expectations” rating on their annual evaluation for “overall clinical skills” prior to leaving for the pre-doctoral clinical internship. If “overall clinical skills” is rated as “fails to meet expectations” for any annual evaluation before that year, a remediation plan will be implemented.

Aim #3: To produce graduates who are capable of contributing to current knowledge in clinical psychology.

Student Learning Outcome 3.1: Students will acquire discipline specific knowledge of research methodology and statistical analysis.

Competency:

1. Students will master academic material on research methodology and techniques of data analysis.

Measurement of Outcomes and MLA for Competency:

- Students must earn at least a B- in each:
 - PSYCH 511: Analysis of Variance and Experimental Design;
 - PSYCH 512: Correlation, Regression, and Quasi-Experimental Design.
- Students must earn at least a “Meets Expectations” rating on their annual evaluation for “overall research skills” prior to leaving for the pre-doctoral clinical internship. If “overall clinical skills” is rated as “fails to meet expectations” for any annual evaluation before that year, a remediation plan will be implemented.

Student Learning Outcome 3.2: Students will demonstrate the ability to produce original scholarship by executing an empirical study and communicating the findings in both written and oral format.

Competencies:

1. Students will successfully complete an empirical master’s thesis.
2. Students will successfully complete an empirical doctoral dissertation.

Measurement of Outcomes and MLA for Competency: Students must complete each:

- Evaluation by the 3-faculty-member thesis committee and a successful public defense. At a minimum, the thesis must be clearly written, correctly follow APA style, provide an adequate review of the relevant literature, report appropriate statistical analyses, and reach reasonable conclusions. To pass the defense, the student must be able to communicate an adequate understanding of the project and answer relevant questions. The MLA is achieved with a passing thesis defense (master’s final exam) and earning a final Satisfactory (S) grade in PSYCH 700 – Master’s Research, Thesis, and/or Examination.
- Evaluation by the 3-faculty-member dissertation committee and a successful public defense. At a minimum, the dissertation must be clearly written, correctly follow APA style, provide an adequate review of the relevant literature, report appropriate statistical analyses, and reach reasonable conclusions. To pass the defense, the student must be able to communicate an adequate understanding of the project and answer relevant questions. The MLA is achieved with a passing dissertation defense (doctoral final exam) and earning a final Satisfactory (S) grade in PSYCH 800 – Doctoral Research, Dissertation, and/or Examination.

Student Learning Outcome 3.3: Students will demonstrate the ability to produce a collection of research and clinical products and to disseminate them to the scholarly community.

Competency:

1. Students will successfully complete a preliminary examination portfolio demonstrating breadth and depth of knowledge in scientific psychology.

Measurement of Outcomes and MLA for Competency:

- A 3-faculty-member committee evaluates the preliminary portfolio. The preliminary portfolio includes 6 written elements (First-Authored Professional Conference Presentation; First-Authored Manuscript of an Empirical Study; Additional Co-Authored Manuscript or F31 Grant Application; Research Executive Summary; Curriculum Vita; and Clinical Case Conference Overview) and an oral exam, evaluated by the committee members. The student must provide an oral summary of the portfolio to the committee and adequately answer questions about the components during the preliminary exam. The MLA is achieved with a passing preliminary examination.

Student Learning Outcome 3.4: Students will demonstrate the ability to contribute to a research team.

Competency:

1. Students will contribute to ongoing research in the laboratories of their mentors.

Measurement of Outcomes and MLA for Competency:

- Students’ research contribution is assessed as a part of their annual evaluation ("Overall research skills"). Ideally, the student’s contribution results in presentations or publications, but the MLA is making a contribution to the research team.