

Method and Design for Applied Research PSYC 291

Spring 2026 Section 01 In Person 3 Unit(s) 01/22/2026 to 05/11/2026 Modified 12/01/2025

Course Description and Requisites

Development and management of applied research programs based on contributions of psychological research and methodology. Criticizing existing and proposed research. Reporting and communicating research results.

Prerequisite: PSYC 18 or PSYC 120A; STAT 95 and STAT 115.

Notes: MS program priority.

Letter Graded

Program Information

Licensure Learning Outcomes (LLOs) indicate how each course meets the educational requirements as detailed by the CA Board of Behavioral Sciences. [The MS Clinical LLOs are detailed on our program website.](https://sjsu.edu/psych/graduate-programs/masters-clinical-psych/learning-objectives.php) (<https://sjsu.edu/psych/graduate-programs/masters-clinical-psych/learning-objectives.php>).

Program learning outcomes (PLOs) are skills and knowledge that students will have achieved upon completion of the MS in Clinical Psychology degree. Each course in our curriculum contributes to one or more of these PLOs. The PLOs for the degree are:

1. Interventions and evidence-based applications

1.1 Students will be able to apply, compare, and contrast a variety of psychotherapy theories and implement at least one chosen theory or intervention with clinical case material

1.2 Students will be able to evaluate, select, and implement empirically supported clinical interventions for clinical case material and clients

2. Communication and Case presentation

2.1 Students will be able to integrate and communicate clinical case material

2.2 Students will be able to synthesize contextual and cultural variables into their understanding of and presentation of client materials

2.3 Students will effectively respond to queries about clinical material and engage in discussions about their clients with supervisors and peers

2.4 Students will be able to analyze cases other than those they are treating, applying theories, principles, and relevant empirical findings to those cases

3. Competent Assessment and Evaluation

3.1 Students will be able to evaluate, select, and implement different assessment devices and strategies for assessing client outcomes and processes of change over the course of treatment including nomothetic and idiographic approaches

4. Professional clinical practice

4.1 Students will demonstrate competency consistent with professional standards of practice in areas including, but not limited to, psychotherapy theory, service delivery, ethics, assessment, research methods, family/couples therapy, cultural diversity and humility, risk management and safety planning, psychopharmacology, and issues relevant to adult and child clinical populations.

5. Preparation and meeting professional licensing requirements

5.1 Students will demonstrate fulfillment of coursework and other pre-degree licensing requirements outlined by the Board of Behavioral Sciences

University Policies

Per [University Policy S16-9 \(PDF\)](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant university policy concerning all courses, such as student responsibilities, academic integrity, accommodations, dropping and adding, consent for recording of class, etc. and available student services (e.g. learning assistance, counseling, and other resources) are listed on the [Syllabus Information](https://www.sjsu.edu/curriculum/courses/syllabus-info.php) (<https://www.sjsu.edu/curriculum/courses/syllabus-info.php>) web page. Make sure to visit this page to review and be aware of these university policies and resources.