

**Course Name: Scientific Research Methodology in Education.**

**Course No. : (701795).**

**Credit Hours: (3) Hours.**

**Course Description:**

This course aims to introduce students to scientific research methods and their uses in educational research, and to provide them with basic concepts and principles of scientific research in the field of educational and psychological research, in order to enable them to read and evaluate scientific research and its results first, and then to give him the ability to conduct research in the educational field secondly. It also deals with quantitative and qualitative research designs used in educational sciences. The methods of constructing these designs, the methods of data collection, the identification and control of variables, the provision of internal and external elements of honesty in them, and the identification of the foundations on which they are based in interpreting their results. It also aims to introduce students to the appropriate statistical methods for each of these designs, develop their skills in applying these methods, draw conclusions and interpret these results, and prepare an integrated research plan.