

E166. STATISTICAL METHODS. Three hours credit. Provides an introduction to the use and interpretation of statistical methods in education. It introduces the student to scientific method and technique as a necessary preparation for later courses in measurement, supervision, psychology, administration, experimentation, etc. Actual practice is provided for training the student in the use of simple statistical procedure. Reading assignment, laboratory work and lectures are provided in each division of the work. Prerequisite, the Fundamentals Group. 10:30-11:20. Ulmer.

E310. METHODS OF RESEARCH. Two hours credit. A study of the methods employed in the securing, treatment and presentation of data bearing upon educational problems. Prerequisite, 15 hours of Education. 10:30-11:20. OBrien.

E352. EDUCATIONAL MEASUREMENTS. Three hours credit. The course in Educational Measurements is designed to introduce students to the changes which have taken place in educational practice due to the employment of more scientific instruments of measurement. The inadequacy of subjective measures, the importance of diagnosis and remedial types of instruction are emphasized. The student will have an opportunity to develop actual acquaintance with standardized tests in his own and related fields. He will receive practice in the selection, administration, scoring, and tabulation of results pertaining to educational tests. Prerequisite, 15 hours of Education. 11:30-12:20. OBrien.

E370. SCHOOL SURVEYS. Two hours credit. A study of kinds, purposes, methods and results of school surveys. Includes a study of selected parts of standard surveys and a consideration of types of practical survey work possible for teachers and administrators in public-school systems. Prerequisite, 15 hours of Education. 10:30-11:20. Twente.

E377. PROBLEMS OF ELEMENTARY SCHOOL SUPERVISION. Two hours credit. A course for elementary school principals and teachers covering a general consideration of the aims of elementary education, detailed study of the curricula with reference to materials of instruction and special techniques developed, individual differences from the standpoint of supervision, and a general consideration of method with special reference to the proper use of the problem project. Prerequisite, 15 hours of Education. 7:30-8:20. Jacobs.

E399. RESEARCH IN EDUCATIONAL MEASUREMENT AND SUPERVISION. Two to eight hours credit. Required of all candidates for the degree of Master of Arts and Master of Science in Education or Master of Education, whose primary interest is in the field of educational measurement and supervision. The work of the course consists of intensive and independent investigation done under the general direction of the instructor in charge. To secure credit in the course the results of the study must be presented either in the form of a thesis or as a carefully prepared report, whichever is suitable to the purposes for which the study is made. Prerequisites are E252 and E272. Graduate students electing to do research in educational measurement and supervision will attend A304, Seminar in Educational Administration. By appointment. Staff.

HISTORY OF EDUCATION

H64. A SURVEY OF AMERICAN EDUCATION. Two hours credit. A careful review of the development of present-day educational practice. The field will be covered with special reference to the development of public schools—primary, secondary, and collegiate. This course is one of the elective components of the Fundamentals Group. 8:30-9:20. Ulmer.

THEORY AND PRACTICE OF TEACHING

M269. METHODS OF TEACHING IN ELEMENTARY GRADES. Three hours credit. An intensive study of current methods of teaching in elementary grades in the light of their psychological and practical implications. Prerequisite, 15 hours of Education. 11:30-12:20. Ullrich.