

RESEARCH, MEASUREMENT AND STATISTICS - PH.D.

College of Education Health and Human Services
 School of Foundations, Leadership and Administration
www.kent.edu/ehhs/fla

About This Program

Discover Kent State University's Ph.D. program in Research, Measurement and Statistics within the College of Education, Health, and Human Services. This program equips students with advanced quantitative and methodological skills essential for conducting rigorous research in various fields. Gain expertise in statistical analysis, measurement theory and research design, preparing you for impactful careers in academia, government or industry. Read more...

Contact Information

- Program Coordinator: **Jason Schenker** | jschenke@kent.edu | 330-672-5797
- Connect with an Admissions Counselor: U.S. Student | International Student

Program Delivery

- **Delivery:**
 - In person
- **Location:**
 - Kent Campus

Examples of Possible Careers and Salaries*

Education teachers, postsecondary

- 4.8% about as fast as the average
- 77,300 number of jobs
- \$65,440 potential earnings

Management analysts

- 10.7% much faster than the average
- 876,300 number of jobs
- \$87,660 potential earnings

Social scientists and related workers, all other

- 0.8% little or no change
- 38,800 number of jobs
- \$87,260 potential earnings

Statisticians

- 34.6% much faster than the average
- 42,700 number of jobs
- \$92,270 potential earnings

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at

which half of the workers in the occupation earned more than that amount and half earned less.

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

Admission Requirements

- Master's degree from an accredited college or university
- Minimum 3.500 GPA is recommended
- Official transcript(s)
- Résumé or curriculum vita
- Goal statement
- Two letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
 - Minimum 550 TOEFL PBT score (paper-based version)
 - Minimum 79 TOEFL IBT score (Internet-based version)
 - Minimum 77 MELAB score
 - Minimum 6.5 IELTS score
 - Minimum 58 PTE score
 - Minimum 110 Duolingo English score

Application Deadlines

- **Fall Semester**
 - Priority deadline: March 15
- **Spring Semester**
 - Priority deadline: October 15
- **Summer Term**
 - Priority deadline: March 15

Applications submitted by this deadline will receive the strongest consideration for admission.

Program Requirements

Code	Title	Credit Hours
Major Requirements		
RMS 75510	STATISTICS I FOR EDUCATIONAL SERVICES	3
RMS 78710	INTRODUCTION TO MEASUREMENT	3
	or RMS 78715 SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION	
RMS 78711	MODERN TEST THEORY: ITEM RESPONSE THEORY	3
RMS 78713	MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH	3
RMS 78714	FACTOR ANALYSIS IN EDUCATIONAL RESEARCH	3
RMS 78716	STATISTICS II: ANOVA AND NONPARAMETRIC TESTS	3
RMS 78728	MULTIPLE REGRESSION	3
RMS 78735	STRUCTURAL EQUATION MODELING	3
RMS 78745	HIERARCHICAL LINEAR MODELING	3
RMS 78807	PROGRAM EVALUATION	3
RMS 85515	QUANTITATIVE RESEARCH DESIGN AND ANALYSIS	3
RMS 85516	QUALITATIVE RESEARCH DESIGN	3

RMS 85518	ADVANCED QUALITATIVE RESEARCH IN EDUCATIONAL SERVICES	3
or RMS 85520	MIXED METHODS RESEARCH	
RMS 88791	SEMINAR: EVALUATION AND MEASUREMENT	3
Electives, as approved by program advisor		9
<i>Culminating Requirement</i>		
RMS 80199	DISSERTATION I ¹	30
Minimum Total Credit Hours:		81

¹ Upon admission to candidacy, each doctoral candidate must register for RMS 80199. It is expected that a doctoral candidate will continuously register for Dissertation I for a total of 30 credit hours, and thereafter RMS 80299, each semester until all requirements for the degree have been met.

Graduation Requirements

After admission to the Ph.D. degree program, students plan a program of study with their respective faculty advisory committee headed by their advisor.

Program Learning Outcomes

Graduates of this program will be able to:

1. Demonstrate knowledge of descriptive and inferential statistics at a conceptual and application level.
2. Demonstrate knowledge of research design and methods by selecting and executing the appropriate research design and methods for a variety of applications.
3. Demonstrate knowledge of measurement, including the methods to develop valid and reliable measures of constructs.
4. Demonstrate knowledge of contemporary and classic theories in program evaluation, the purposes and logic of program evaluation and the processes of different types of program evaluation.

Full Description

The Ph.D. degree in Research, Measurement and Statistics develops professionals who have the theoretical knowledge base and application skills to teach courses at the college level in research design, statistics, measurement and evaluation; conceptualize, design and evaluate a wide variety of research methodologies; choose appropriate analyses for questions and designs that have been proposed; communicate effectively with educators and other professionals in the development and application of research and psychometric materials; and evaluate programs culminating in written reports.

Course offerings encompass the broad range of expertise required of those who will assume leadership roles in the conduct and teaching of research, measurement, statistics and evaluation.