

# RESEARCH, MEASUREMENT AND STATISTICS - PH.D.

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

## Examples of Possible Careers\*

### 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

## Contact Information

- Program Coordinator: **Jason Schenker** | jschenke@kent.edu | 330-672-5797
- Chat with an Admissions Counselor

## Fully Offered

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

## Admission Terms

- Fall
- Spring
- Summer

### \*Note

Source of occupation titles and labor data is 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.

## 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.

## Admission Requirements

- Master's degree from an accredited college or university
- Minimum 3.500 GPA is recommended
- Official transcript(s)
- GRE scores (minimum score 50th percentile is recommended) - *effective for spring 2023 admission, the GRE will no longer be required*
- 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

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education's admission website.

## 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.

## Program Requirements

### Major Requirements

Code	Title	Credit Hours
<b>Major Requirements</b>		
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 <sup>1</sup>	30
<b>Minimum Total Credit Hours:</b>		<b>81</b>

<sup>1</sup> 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.