This is a named option within the Industrial Engineering MS (http://guide.wisc.edu/graduate/industrial-systems-engineering/industrial-engineering-ms/).

The Department of Industrial and Systems Engineering offers this Master of Science (MS) industrial engineering degree with a named option in Research. This degree program takes approximately two years to complete. This program has a significant research component, giving students valuable hands-on research experience with mentoring by faculty in the Department of Industrial and Systems Engineering.

The Department of Industrial and Systems Engineering focuses on four main research areas:

- Operations Research, Optimization, and Analytics (https://engineering.wisc.edu/departments/industrial-systems-engineering/research/operations-research-optimization-and-analytics/)
- Health Systems Engineering (https://engineering.wisc.edu/departments/industrial-systems-engineering/research/health-systems-engineering/)
- Advanced Manufacturing and Industrial AI (https://engineering.wisc.edu/departments/industrial-systems-engineering/research/advanced-manufacturing-and-production-systems/)

All students are mentored by the world-class faculty in the industrial and systems engineering department at UW–Madison. For a list of industrial and systems engineering faculty along with faculty research interests, please visit our faculty directory. (https://directory.engr.wisc.edu/ie/faculty/) For more information on research areas see our page on research in Industrial and Systems Engineering (https://engineering.wisc.edu/departments/industrial-systems-engineering/research/).