

Additional Requirements for Health Systems PhD Students

HSE fundamental knowledge requirement: To take the qualifying exam, the student needs to demonstrate basic understanding of the healthcare system. This may be achieved either by taking a course such as ISyE 417 or previous experience in health care system. This requirement will be assessed by the PhD advisor of the student.

HSE Depth Requirement: To take the qualifying exam, a student will have to have received a grade of AB or better in at least two courses from one area, and a grade of AB or better in at least one course in the other area below. . Courses taken during undergraduate studies can be used to satisfy this requirement. Courses other than those listed below may be applied to meet the requirement with the approval of the HSE area group:

a. Human Factors Engineering:

UW courses that would qualify: ISyE 555, ISyE 557, ISyE 601 (depending on topic), ISyE653, ISyE 699 (depending on topic), ISyE 859 (depending on topic), etc.

b. Data Analytics/Operations Research

UW courses that would qualify: ISyE 517, ISyE 524, ISyE 601 (depending on topic), ISyE 612, ISyE 620, ISyE 624, Math 632, ISyE 723, etc.