**ISE Program of Study - PhD**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_; MSU ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Foundational Requirements:**

MA 1713 Calculus I

MA 1723 Calculus II

MA 2733 Calculus III

MA 2743 Calculus IV

Computer Programming Proficiency

IE 3123 Industrial Ergonomics

IE 4333 Production Control Systems I

IE 4613 Engineering Statistics I

**Program Requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Check if taken at MSU** | **Check if transferred** | **Course**  **(Name and ID)** | **Additional Notes**  **(If any)** |
| **Required Courses:** | | | |
|  |  | IE 6623 Engineering Statistics II |  |
|  |  | IE 6773 Systems Simulation I |  |
| **Courses to be selected by the student along with the academic advisor and graduate**  **program committee (36 hours)** | | | |
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| **Coursework in a discipline other than ISE (6 hours)** | | | |
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ISE foundational courses and IE 9000 hours cannot be a part of this table

**Checklist:**

Completed at least **20** hours of dissertation in ISE

Completed all the foundational course requirements

≥ 30 hours of coursework in ISE (from at least two different areas of ISE)

≥ 24 hours of full-graduate level coursework (8000-level or IE 7000)

Submitted **two** journal articles from the dissertation chapters