**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:**

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| --- | --- | --- | --- |
| **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