**Program of Study**

**ISE MS Operations Research – Thesis**

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

**Foundational Requirements:**

[ ]  MA 1713 Calculus I

[ ]  MA 1723 Calculus II

[ ]  MA 2733 Calculus III

[ ]  MA 2743 Calculus IV

[ ]  MA 3113 Introduction to Linear Algebra

[ ]  Computer Programming Proficiency

[ ]  IE 4613 Engineering Statistics I

**Program Requirements:**

|  |  |  |
| --- | --- | --- |
| **Check If Taken** | **Course** | **Notes/Substitution**  |
| **Required Courses:** |
| [ ]  | IE 6733 Linear Programming I |  |
| [ ]  | IE 6773 Systems Simulation I |  |
| **OR graduate level IE courses (6 hours)** |
| [ ]  |  |  |
| [ ]  |  |  |
| **Non-OR graduate level IE courses (6 hours)** |
| [ ]  |  |  |
| [ ]  |  |  |
| **At least one graduate class from Computer Science (CSE), Mathematics (MA), or Statistics (ST) (3 hours)** |
| [ ]  |  |  |
| **Courses to be selected by the student along with the academic advisor and graduate****program committee (3 hours)** |
| [ ]  |  |  |
| **Thesis in ISE (6 hours):** |
| [ ]  | IE 9000 Thesis in ISE |  |

ISE foundational courses and IE 9000 hours cannot be a part of this table

**Checklist:**

[ ]  Completed at least **12** hours of **8000-level** coursework

[ ]  Completed at least **6** thesis hours in ISE

[ ]  Completed all the foundational course requirements

[ ]  Completed a minimum of **30** hours of required program courses

[ ]  Pass the comprehensive exam (if not waived)