**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)