**Program of Study**

**ISE MS Manufacturing Systems – Non-Thesis**

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

**Foundational Requirements:**

B.S. in engineering from an ABET-accredited program or permission from the Manufacturing

Systems Committee

Computer Programming Proficiency

IE 4333 Production Control Systems I

IE 4613 Engineering Statistics I

**Program Requirements:**

|  |  |  |
| --- | --- | --- |
| Check If Taken | Course | Notes/Substitution |
| **Required Courses:** | | |
|  | IE 6653 Industrial Quality Control I |  |
|  | IE 8333 Production Control Systems II |  |
|  | IE 6773 Systems Simulation I |  |
| **At least TWO of the following (6 hours):** | | |
|  | Choose an item. |  |
|  | Choose an item. |  |
| **Non-manufacturing graduate-level IE courses (6 hours):** | | |
|  |  |  |
|  |  |  |
| **Courses to be selected by the student along with the academic advisor and graduate**  **program committee (9 hours)** | | |
|  |  |  |
|  |  |  |
|  |  |  |

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 all the foundational course requirements

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

Pass the comprehensive exam (if not waived)