# MASTERS OF SCIENCE, SYSTEMS ENGINEERING (MSSE) – DEGREE PLAN

## For On-Campus/Distance Education Students

**GRADUATE DIVISION – SMU LYLE SCHOOL OF ENGINEERING**

Engineering Management, Information, and Systems Department

---

**SMU ID #**

**Name**

**Home Address**

**Home Phone**

**Business Address**

**Business Phone**

**E-mail Address**

**FAX Number**

### CORE COURSES (21 Hours)

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Hours</th>
<th>Term</th>
<th>Grade</th>
</tr>
</thead>
</table>

SELECT EITHER EMIS 7370, Probability and Statistics for Scientists and Engineers, or EMIS 8360, Operations Research Models

1. **EMIS**

2. **EMIS 7301** Systems Engineering Process

3. **EMIS 7303** Integrated Risk Management

4. **EMIS 7305** Systems Reliability and Availability Analysis

5. **EMIS 7307** Systems Integration and Test

6. **EMIS 7309** Systems Reliability Engineering

7. **EMIS 7311** Systems Engineering Design

### ELECTIVE COURSES (9 Hours)

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Hours</th>
<th>Term</th>
<th>Grade</th>
</tr>
</thead>
</table>

1. 

2. 

3.

**Total Hours Taken**

**Total Hours Required** 30

---

*Elective courses must be selected from the following Systems Engineering courses:

- EMIS 7313 Integrated Logistics Support
- EMIS 7315 Systems Quality Engineering
- EMIS 7317 Systems Engineering Leadership

or from Engineering Management, Operations Research, or Computer Science courses subject to approval by advisor.

---

**APPROVED**

**Advisor**

**Date**

**EMIS Department Chair**

**Date**

**Director of Graduate Division**

**Date**

---

**NOTE:** Any revision must be approved by advisor, EMIS Dept. Chair and Director of Graduate Division 11.10.16