**Double Owl Pathway of Study**

**EFFECT TERM: Spring 2026**

**Undergraduate Program Name: BS Industrial and Systems Engineering**

**Graduate Program Name: MS Intelligent Robotic Systems**

**Pathway Description:**

**Course Pairs:**

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| --- | --- | --- |
| Double Owl Scholars will NOT take the following **UNDERGRADAUTE** courses: | Location in UNDERGRADUATE Program(i.e. list the catalog header that the course appears under) | In their place, Double Owl Scholars will take the following **GRADUATE** courses: |
| Elective courses (9 hours) | Major concentrations | Choose any three:* MTRE 6000
* MTRE 6100
* MTRE 6720
* MTRE 6740
* (MTRE 6710 or MTRE 6750).
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**PATHWAY TOTAL:** 121 + 30 – 9 = 142 credit hours