B.S.M.E. Curriculum
Last Update: February 2020

All "MMAE___" courses run in both the Fall and Spring semesters except for the following:

**Fall Only**
- MMAE 100
- MMAE 302
- MMAE 419
- MATH 151 (4-1-5)
- Hum/SS (3-0-3)
- MMAE 100 (1-4-3)
- CHEM 124 (3-3-4)

**Spring Only**
- MMAE 445
- MMAE 432
- MMAE 433
- Hum/SS (3-0-3)
- CS 104 (2-1-2)
- MS 201 (3-0-3)

**Prerequisite**

1. (Fall)
   - MATH 151 (4-1-5)
   - Hum/SS (3-0-3)
   - MMAE 100 (1-4-3)
   - CHEM 124 (3-3-4)
   - Total: 15 credits

2. (Spring)
   - MATH 152 (4-1-5)
   - PHYS 123 (3-3-4)
   - Hum/SS (3-0-3)
   - CS 104 (2-1-2)
   - MS 201 (3-0-3)
   - Total: 17 credits

3. (Fall)
   - MATH 251 (4-0-4)
   - PHYS 221 (3-3-4)
   - MMAE 200 (3-0-3)
   - MMAE 232 (3-1-3)
   - Hum/SS (3-0-3)
   - Total: 17 credits

4. (Spring)
   - MATH 252 (4-0-4)
   - MMAE 350 (3-0-3)
   - MMAE 202 (3-0-3)
   - Hum/SS (3-0-3)
   - Total: 16 credits

5. (Fall)
   - MMAE 305 (3-0-3)
   - MMAE 302 (3-0-3)
   - MMAE 313 (3-0-3)
   - MMAE 320 (3-0-3)
   - Hum/SS (3-0-3)
   - Total: 15 credits

6. (Spring)
   - MMAE 319 (2-6-4)
   - MMAE 332 (3-0-3)
   - MMAE 321 (3-0-3)
   - MMAE 323 (3-0-3)
   - Hum/SS (3-0-3)
   - Total: 16 credits

7. (Fall)
   - MMAE 419 (2-6-4)
   - MMAE 443 (3-0-3)
   - MMAE 485 (3-0-3)
   - IPRO I (1-6-3)
   - Total: 16 credits

8. (Spring)
   - Free Elec. (3-0-3)
   - Free Elec. (3-0-3)
   - MMAE 432 (1-3-3) or MMAE 433 (3-0-3)
   - Tech. Elec. (3-0-3)
   - IPRO II (1-6-3)
   - Total: 15 credits

Total = 127 credits

* Hum/SS course at 300+ level.
# MMAE 302 can be replaced by MMAE 304.
^ MMAE 319 can be replaced by MMAE 315, provided student is taking or has taken MMAE 311.
+ MMAE 100 or sophomore standing are prerequisite for MMAE 232.