

MaDE AY 2022-2023 Catalog

ver 9/22/2022

Science* (4)

- Chem 131, 151, or 171
- Phys 135-2
- Phys 135-3
- Chem & Phys Labs (0.33 ea)

Math (4)

- Math 220-1
- Math 220-2
- Math 228-1
- Math 228-2

Engineering Analysis (4)

- Gen Eng 205-1 or 206-1
- Gen Eng 205-2
- Gen Eng 205-3
- Gen Eng 205-4 or 206-4

Design & Communication (3)

- DSGN & ENGLISH 106-1
- DSGN & ENGLISH 106-2
- Comm St 102, Perf St 103, or Perf St 203

Social Science & Humanities (7)

- Theme 1
- Theme 2
- Theme 3
- Theme 4
- Theme 5
- Theme 6
- Theme 7

Core Courses (13)

- Civ Env 216
- CS 150 or ME 224
- IE 201**
- IE 307
- IE 310
- IE 382
- Mat Sci 201
- ME 233
- ME 240
- DSGN 308 or ME 315
- ME 340-1 OR DSGN 346
- ME 340-2
- Mat Sci 318

Unrestricted Electives (5)

- Elective 1
- Elective 2
- Elective 3
- Elective 4
- Elective 5

Technical Electives* (5)**

- 2XX or 3XX Eng Elec
- 2XX or 3XX Eng Elec
- 2XX or 3XX Eng Elec
- 3XX Eng Elec
- 3XX Eng Elec

MaDE Capstone** (3)**

- DSGN 384-1
- DSGN 384-2
- DSGN 386

* Phys 140-2 & 140-3 may be substituted for Phys 135-2 & 135-3, respectively

** IE 303 may be substituted if additional math course, such as IE 202 Probability, is also taken.

*** Up to two 399 may be counted. 295, 395, 297, & 397 courses will need a petition.

**** May substitute new MaDE Capstone DSGN 395-1, -2, -3