### INSTRUCTIONS

1. Select desired courses. Selected courses will turn **green** for prerequisites and **blue** for corequisites.
2. Select courses you have satisfied. Selected prerequisites and corequisites will turn **gray**.
3. Observe remaining **red** and **blue** courses. These will need to be satisfied prior to enrolling in your desired course selections.
4. Note: use the "CLEAR" buttons in the KEY to remove color highlights and start over.

### KEY

- **Selected course**
- **Prerequisite**
- **Corequisite**
- **Satisfied course**
- **Course requiring a grade of "C" or better**
- **Elective**
- **Information (mouse over)**

### INTERACTIVE COURSE MAP: You May Customize Your Path On This Map And Print Your Customization.

<table>
<thead>
<tr>
<th>Semester I / Fall</th>
<th>Semester II / Spring</th>
<th>Semester III / Fall</th>
<th>Semester IV / Spring</th>
<th>Semester V / Fall</th>
<th>Semester VI / Spring</th>
<th>Semester VII / Fall</th>
<th>Semester VIII / Spring</th>
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<tbody>
<tr>
<td>Total Credits: 18</td>
<td>Total Credits: 17</td>
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<td>Total Credits: 13</td>
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</tbody>
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**Courses**

- MAC 2311 Calculus I
- MAC 2312 Calculus II
- MAC 2313 Calculus III
- PHY 2048 Physics I w/ Calc.
- PHY 2049 Physics II w/ Calc.
- PHY 2049L Physics II Lab
- CHM 1045 Gen. Chem. I
- CHM 1045L Gen. Chem. I Lab
- CHM 1046 Gen. Chem. II
- CHM 1046L Gen. Chem. II Lab
- CHM 2210L Org. Chem I Lab
- BME 1008C Intro. To BME
- BME 2010L Gen. Bio I Lab
- BME 2010L Gen. Bio I Lab
- SLS 1501 First Year Exper.
- ENC 1101 Writing & Rhet I
- MAP 2302 Diff. Equations
- Engineering or Science Elective
- ESI 3215 Eval of Engg Data (STA 3033)
- EGM 3503 Applied Mechanics (EGN 3311 & 3321)
- BME 2740 Electrical Eng. I
- BME 3043 Eng. Ana Bio Sys I
- BME 3721 BME Data Eval Prin
- Humanities Group One
- BME 3404 Eng. Ana Bio Sys II
- Humanities Group Two
- BME 4040L BME Lab I
- BME 4051L BME Lab II
- BME 4908 Sr. Des. Project
- BME 4909 Undergrad Sem.
- BME 4910 Des. Bio Sys & Dev
- BME 4930 Elective
- BME 4930 Des. Bio Sys & Dev
- BME 4930 Undergrad Sem.
- BME 4930 Elective
- BME 4930 Des. Bio Sys & Dev
- BME 4930 Undergrad Sem.
- BME 4930 Elective
- BME 4930 Des. Bio Sys & Dev
- BME 4930 Undergrad Sem.
- BME 4930 Elective
- BME 4930 Des. Bio Sys & Dev
- BME 4930 Undergrad Sem.
COURSES MUST BE COMPLETED WITH COMBINED GPA OF A 2.5
ONLY "C" OR BETTER WILL BE ACCEPTED FOR THESE COURSES

MAC 2311 Calculus I (4)
Prereq: MAC 1147 OR MAC 1140 & MAC 1141
MAC 2312 Calculus II (4)
Prereq: MAC 2311
MAC 2313 Multivariable Calculus (4)
Prereq: MAC 2312
MAP 2302 Differential Equations (3)
Prereq: MAC 2312

CHM 1046L General Chemistry II Lab (1)
CHM 1046 General Chemistry II (3)
CHM 1045L General Chemistry I Lab (1)
Coreq: CHM 1045

PHY 2048L Physics with Calculus I Lab (1)
PHY 2048 Physics with Calculus I (4)

BSC 2010L General Biology I Lab (1)
BSC 2010 General Biology I (3)

MAC 2312 Undergraduate Seminar (0)

BME 4051L BME Lab II (1)
(Spring Only)
Prereq: MAC 2312

BME 4050L BME Lab I (1)
(Fall Only)
Prereq: BME 3403 & BME 4100

BME 4051L BME Lab II (1)
(Spring Only)
Prereq: BME 3403 & BME 4100

BME 4050C Undergraduate Seminar (0)
This course is considered pass or fail. Students must enroll for this course.

PHD 4240 Biophysics of Neural Comp. (3) (Fall Only)
Prereq: PHY 2049 & BME 3403

BME 4332 Cell and Tissue Eng. (3) (Fall Only)
Prereq: MAC 2313, BME 3632 & BME 4100

BME 4211 Orthopedic Biomach. (3) (Spring Only)
Prereq: BME 4100

BME 4260 Eng. Hemodynamics (3) (Spring Only)
Prereq: BME 3632 & BME 3404

EEN 365 Materials in Eng. (3) (Varies by Dept.)
Prereq: PHY 2049, & MAC 2312

EEM 4311 Molecular Engineering (3) (Fall Only)
Prereq: BME 3403

BME 4332 Cell and Tissue Eng. (3) (Fall Only)
Prereq: MAC 2313, BME 3632 & BME 4100

BME 4230 Biomech of Cardio. Syst (3) (Spring Only)
Prereq: BME 3632, BME 3404, BME 4100

SCIENCE ELECTIVES (ALLOWED 3 MAX)

CHM 2211 Organic Chemistry III (3) (Varies by Dept.)
Prereq: CHM 2210, BME 3271 & EEL 3110

CHM 3120 Analytic Chemistry (3) (Varies by Dept.)
Prereq: CHM 1046 & MAC 1046L & CHM 1046

BCH 3033 General Biochemistry (3) (Varies by Dept.)
Prereq: BCH 2211 & BSC 2211

CHM 4304 Biological Chemistry I (3) (Varies by Dept.)
Prereq: CHM 2211 & CHM 2211L

CHM 4307 Biological Chem. II (3) (Varies by Dept.)
Prereq: CHM 3404

PCB 3063 Genetics (3) (Varies by Dept.)
Prereq: BSC 2210

PCB 4023 Cell Biology (3) (Varies by Dept.)
Prereq: PCB 3063 & CHM 1046

EEL 4023 Immunology (3) (Varies by Dept.)
Prereq: PCB 3063

MCP 3020 General Microbiology (3) (Varies by Dept.)
Prereq: BME 2210, CHM 2211, BSC 2010 & BSC 2111

ZOO 3573 Histology (3) (Varies by Dept.)
Prereq: BSC 2210, CHM 2210 & CHM 2211