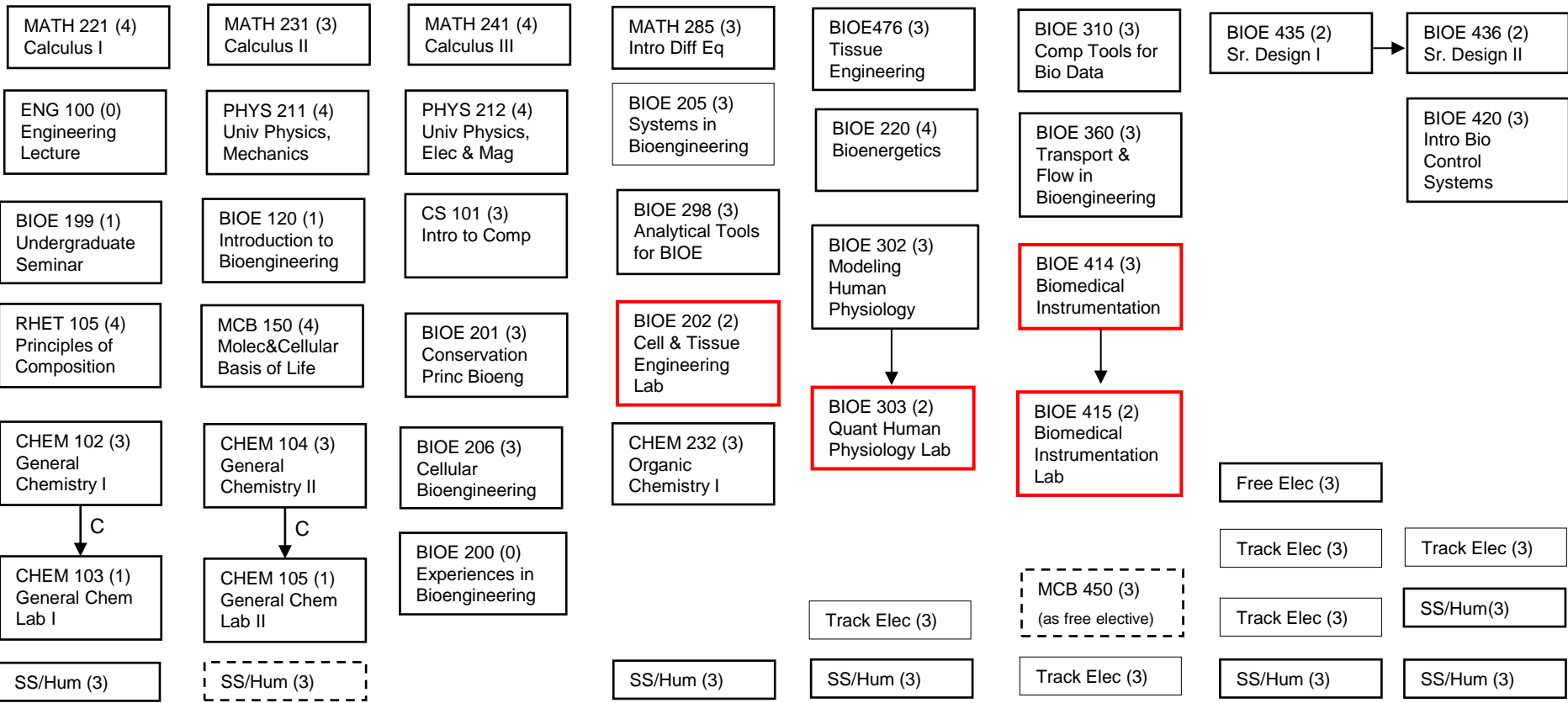


Cell & Tissue Track - Curriculum Map

1 (16 hrs) 2 (16/18 hrs) 3 (17 hrs) 4 (17 hrs) 5 (18 hrs) 6 (17 hrs) 7 (15 hrs) 8 (14 hrs)



Cell & Tissue Track Electives:

- CHBE 471 – Biochemical Engineering (3 hr)
- BIOE 416 – Biosensors (3 hr) BIOE has instructor consent without ECE 329
- MSE 470 – Design and Use of Biomaterials (3 hr)
- BIOE 473 – Biomaterials Laboratory (3 hr)
- MSE 474 – Biomaterials and Nanomedicine (3 hr)
- BIOE 461 – Cellular Biomechanics (4 hr) BIOE has instructor consent without TAM 251
- CHBE 472 – Techniques in Biomolecular Engineering (3 hr)
- IE 330 – Industrial Quality Control (3 hr)
- BIOE 306 – Biofabrication Lab (3 hr)
- BIOE 430 – Intro to Synthetic Biology (3 hr)
- BIOE 498 PPP – Advanced Topics in Synthetic Biology (3hr)
- BIOE 498 GU – Stem Cell Bioengineering (3 hr)
- BIOE 498 PII – Systems Bioengineering (4 hr)

****Note:** These classes have prerequisites. Please make sure you have met all before taking the course. **

**** If outlined in RED then the BIOE course is offered both Fall & Spring Semesters**