

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Medicinal Chemistry

Program Code: SCMC, Academic Year 2022-2023

Total credits required for the degree: 128

#### Core Requirements: 65 credits

- BL 1400 (3)
- BL 1410 (1)
- BL 4070 (3)
- CH 1150 (3)
- CH 1151 (1)
- CH 1153 (1)
- CH 1160 (3)
- CH 1161 (1)
- CH 1163 (1)
- CH 1130 (1)
- CH 2130 (2)
- CH 2411 (1)
- CH 2421 (2)
- CH 2430 (3)
- CH 2440 (3)
- CH 3130 (1)
- CH 3510 (3)
- CH 3511 (2)
- CH 3520 and CH 3521 (5)
  - or CH 3540 and CH 3541 (5)
- CH 4110 (3)
- CH 4120 (3)
- CH 4130 (2)
- CH 4222 (5)
- CH 4412 (3)
- CH 4710 (3)
- CH 4720 (3)
- CH 4721 (3)

#### Math and Physics: 26 credits

- MA 1160 (4)
- MA 2160 (4)
- MA 2320 (2)
- MA 2720 (4)
- MA 3160 (4)
- PH 1100 (1)
- PH 1200 (1)
- PH 2100 (3)
- PH 2200 (3)

#### Major Approved Electives: Select 3 to 6 credits

- BL 2200 (3)
- BL 3210 (4)
- BL 3300 (3)
- BL 4020 (3)
- BL 4030 (3)
- BL 4140 (3)
- CH 4310 (3)  
*CH4310 may be taken without the lab*
- CH 4311 and CH 4310 (5)  
*CH4311 must be taken with CH4310*
- CH 4430 (3)
- CH 4535 (3)
- CH 4560 (3)
- CH 4610 (3)
- CH 4990 (6)
- CS 1121 (3)

#### Free Electives: 7 to 10 credits

Any coursework is allowable, excluding co-curricular and coursework below the 1000- level.

## General Education Core, Humanities, Fine Arts, and Social Science (HASS) Requirements: 24 credits

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the [General Education](#) page.

### Core: 12 credits

- UN 1015 (3)
- UN 1025 or an upper level modern language (3)
- Critical and Creative Thinking (3)
- Social Responsibility and Ethical Reasoning (3)

### HASS: 12 credits

At least 6 of the 12 credits must be at the 3000-level or 4000-level

- Communication/Composition (minimum 3 credits)
- Humanities and Fine Arts (minimum 3 credits)
- Social and Behavioral Sciences (minimum 3 credits)
- Any course from the General Education Core, HASS, or Restricted HASS [course list](#) (0 to 3 credits)

### Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.