

Bachelor of Science (B.S.)
Occupational Safety and Health Mgt

MTH 110 Start, 4 Year Plan

Secondary Admission Required

| 1st Year | | |
|---|--|---------------------------------|
| Fall | Winter | Spring/Summer |
| *CHM 109: Intro Chemistry 4 | *MTH 125: Survey of Calculus 3 | |
| MTH 110: Algebra 4 | *STA 215: Intro to Applied Statistics 3 | |
| *WRT 150: Strategies in Writing 4 or WRT 120 and WRT 130 | *CHM 230: Intro Organic & Biochemistry 4 | |
| General Education 3 | General Education 3 | |
| Total 15 | Total 16 | |
| 2nd Year | | |
| Fall | Winter | Spring/Summer |
| *OSH 300: Intro to OSHM 3 | *PHY 200 4 | |
| *BMS 202: Anatomy and Physiology 4 | *BIO 105 3 | |
| *PSY 101: Intro Psychology 3 | General Education 3 | |
| General Education 3 | General Education 3 | |
| | Free Elective 3 | |
| Total 13 | Total 16 | |
| 3rd Year ~ Admission Required | | |
| Fall | Winter | Spring/Summer |
| OSH 310: Hazard Control 3 | OSH 400: Critical Incident Analysis 3 | OSH 490: Internship in OSHM 3-6 |
| OSH 316: Health and Safety 3 | OSH 414: Env. Safety and Health Regulation 3 | |
| OSH 326: Principles of Industrial Hygiene 3 | OSH 424: Fire Science 3 | |
| OSH 390: Internship Preparation 1 | OSH Elective 3 | |
| General Education 3 | General Education Course 3 | |
| Total 13 | Total 15 | Total 3-6 |
| 4th Year ~ Admission Required | | |
| Fall | Winter | Spring/Summer |
| OSH 330: Principles of Loss Control 3 | OSH 440: Safety and Health Program Dev. 3 | |
| OSH 350: Behavior Aspects: Safety 3 | OSH 495: Safety and Health Administration 3 | |
| OSH 410: Ergonomic Safety Engineering 3 | OSH Elective 3 | |
| OSH Elective 3 | Free Elective 3 | |
| Free Elective 3 | Free Elective 3 | |
| Total 15 | Total 15 | |

- This is a suggested curriculum guide that might not be applicable to every student
- Fundamental courses are required for secondary admission and are designated by an asterisk (*) on this guide
- Student must have a **minimum of 120 credits** to graduate, with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** completed at GVSU

| OSH Fundamentals Requirements | | | |
|-------------------------------|--------------------|---------|---------|
| BIO 105 | BMS 202 | CHM 109 | CHM 230 |
| MTH 125 | OSH 300 | PSY 101 | PHY 200 |
| STA 215 | WRT 130 or WRT 150 | | |

| General Education Requirements | |
|--|--|
| WRT 150: Strategies in Writing (grade of "C" or higher required) or WRT 120 and WRT 130 (grade of "C" or higher required in both) | Life Sciences (BMS 202) |
| Physical Sciences (CHM 109) | Philosophy and Literature |
| Arts | Mathematical Sciences (MTH 125) |
| Social Behavioral Sciences (PSY 101) | Social Behavioral Sciences |
| Historical Analysis (consider HSC 202) | U.S. Diversity |
| Global Perspectives | 2 Supplemental Writing Skills Courses (prerequisite: WRT 130 or WRT 150) |
| 2 Issues Courses (prerequisite: must have 55+ credits) | |

Secondary Admission Requirements:

Detailed application and admission requirements available at <https://www.gvsu.edu/osh/secondary-admission-43.htm>

- ✓ Overall GPA of 2.3 or above in Occupational Safety and Health Management (OSHM) Fundamental courses. Fundamental courses are designated by an asterisk (*) on this guide.
- ✓ All OSHM Fundamental courses completed with a C (2.0) or above.

Major Notes:

- 1) OSH Electives MUST be approved by an OSH faculty advisor
- 2) One internship is required. However, students may take up to 6 credits of OSH 490 as (1) 6-hour internship or (2) 3-hour internships.
- 3) OSH 495 fulfills one Supplemental Writing Skills (SWS) requirement.
- 4) It is encouraged to use free electives to fulfill course work for a minor. Some compatible minors include Environmental Studies, Management and Engineering Science.
- 5) There are approved substitutions for the OSHM fundamental courses:
 - a. BIO 105 = BIO 104 or BIO 120 or CMB 155 & CMB 156
 - b. CHM 109 = CHM 115
 - c. STA 215 = STA 220
 - d. MTH 125 = MTH 201 or MTH 122
 - e. PHY 200 = PHY 220 or PHY 230
 - f. BMS 202 = BMS 208 or BMS 250 or BMS 251
 - g. CHM 230 = CHM 232
 - h. PSY 101 = ECO 210 or ECO 211