

OAKLAND UNIVERSITY  
SCHOOL OF HEALTH SCIENCES  
**Bachelor of Science Degree – Environmental Health & Safety Major**  
**2017-2018 Catalog Checklist**

Name: \_\_\_\_\_ Last 4 Student # \_\_\_\_\_ Date: \_\_\_\_\_

| CORE COURSES   | TRANSFER EQUIVALENT   | CREDIT         | GRADE |
|--|---|----------------|-------|
| BIO 1002 Human Biology or BIO 1200 General Biology   |   | 4              |       |
| CHM 1040 Introduction to Chemical Principles   |   | 4              |       |
| CHM 2010 Introduction to Organic and Biological Chemistry or CHM 2340 Organic Chemistry  |   | 4              |       |
| HS 2000 Health in Personal & Occupational Environments   |   | 4              |       |
| EHS 3001 Global Perspective of EHS or MGT 1100 Contemporary World Business   |   | 4              |       |
| PHY 1200 The Physics of Everyday Life or PHY 1010 General Physics I  |   | 4              |       |
| PSY 1000 Foundations of Contemporary Psychology  |   | 4              |       |
| WRT 3082 Business Writing  |   | 4              |       |
| EHS 2550 Basic Statistics for Health Sciences or STA 2220  |   | 4              |       |
| <b>Elective credits (minimum 10 credits)</b><br><b>AHS 3310, 3440; ENV/PS 354; HRD 3100, 3330, 3300, 3440, 3445, 4410, 4440, 3530, 4300; EHS 3420, 3510, 4230, 4340, 4350; 3001; ENV 3540, PHL 1300; MGT 3000; WRT 1050; POM 3000; Level. Other classes not listed require pre-approval from program director through the program petition</b> |   |                |       |
| <b>GENERAL EDUCATION REQUIREMENTS (24 credits)</b>   |   |                |       |
| Writing Foundations  | WRT/RHT 1060 Composition II   | 4              |       |
| Formal Reasoning   | Satisfied by major: EHS 3250  |                |       |
| Arts   |   | 4              |       |
| Foreign Language & Culture   |   | 4              |       |
| Literature   |   | 4              |       |
| Western Civilization   | PHL 1300 recommended  | 4              |       |
| Global Perspective   | Satisfied by major: MGT 1110 (EHS 3001)   |                |       |
| Diversity  |   | 4              |       |
| Writing Intensive in General Education   | Satisfied by major: MGT 1110  |                |       |
| Writing Intensive in Major Area  | Satisfied by major: EHS 4460 or EHS 3001  |                |       |
| Natural Science & Technology   | Satisfied by major: BIO 1002, CHM 1040, PHY 1200, HS 2000   |                |       |
| Social Science   | Satisfied by major: PSY 1000  |                |       |
| Knowledge Applications   | Satisfied by major: WRT 3082  |                |       |
| Capstone   | Satisfied by major: EHS 4950  |                |       |
| <b>MAJOR COURSES (59-60 credits)</b>   |   |                |       |
| <b>PREREQUISITES</b>   |   |                |       |
| EHS 1000 Introduction to Occupational Safety & Health or EHS 1150 Safety and Health at Work or EHS 3001*   | None  | 1-2            |       |
| EHS 3250 Quantitative Methods for Environmental Health & Safety  | EHS 2550 (2.5) or STA 2220 (2.0) *  | 4              |       |
| EHS 2250 Occupational Safety & Health Training Methods   | None  | 3              |       |
| EHS 2350 Occupational Safety & Health Standards  | None  | 3              |       |
| EHS 2450 Professional Practice and Leadership Development  | None  | 3              |       |
| EHS 3300 Safety and Health Administration & Programs   | EHS 2250 (2.5), EHS 2350 (2.5) *  | 3              |       |
| EHS 3380 Safety and Health Engineering & Technology  | EHS 3250 (2.5) and EHS 3300 (2.5)*  | 3              |       |
| EHS 3330 Fire Prevention & Protection  | EHS 3380 (2.5)*   | 3              |       |
| EHS 3350 Fundamentals of Occupational Hygiene  | EHS 3380 (2.5) and CHM 2010 (2.0); PHY 1200 (2.0) or PHY 1010 (2.0)*  | 3              |       |
| EHS 3360 Applied Occupational Hygiene w/Lab.   | CHM 2010 (2.0); EHS 3380(2.5); & PHY 1200 (2.0) or PHY 1010 (2.0)   | 4              |       |
| EHS 4410 Accident/Incident Investigation & Analysis  | EHS 3380 (2.5)*   | 3              |       |
| EHS 4420 Construction Safety   | EHS 3300 (2.5) & EHS 3380 (2.5)*  | 3              |       |
| EHS 4430 Robotic and Automation System Safety Analysis   | EHS 3380 (2.5)*   | 3              |       |
| EHS 4440 Environmental Standards   | EHS 3330(2.5)*  | 3              |       |
| EHS 4450 Introduction to Ergonomics  | EHS 3380 (2.5) and BIO 1002 (2.0) or BIO 1200 (2.0) or (WHP 4000 and WHP 4030) or (BIO 2010 and BIO 2600)*(2.0) | 3              |       |
| EHS 4460 Industrial and Environmental Toxicology   | CHM 2010 or CHM 2340 and EHS 3380 (2.0)*  | 3              |       |
| EHS 4500 Medical Geology   | EHS 4460 (2.5)*   | 4              |       |
| EHS 4998 Environmental Health & Safety Undergraduate Research  | EHS 3380 (2.5)*   | 3              |       |
| EHS 4950 Environmental Health & Safety Internship  | Program Director Permission   | 4              |       |
| <b>MINIMUM CREDITS REQUIRED FOR DEGREE</b>   |   | <b>125-126</b> |       |

\* Students that opt for the option to use EHS 3001 to fulfil the Global Perspective Gen Ed will have a minimum of 7 elective credits to take.

\*Grade scale change effective Fall 2018 \*2.5 is required for all EHS/OSH courses \*Student must satisfy the most prerequisite courses for any courses