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|  | **BACHELOR of SCIENCE in ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCE (#548)** | | | | |
|  | Department of Public Health | | | | |
|  | College of Health and Human Services | | | | |
|  | Western Kentucky University | | | | |
|  | The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected. | | | | |
| **Success Markers** | SAMPLE - 4 year plan | | | | |
| **FIRST YEAR** | **Fall Semester** | | | **Spring Semester** | |
|  | ENG 100 Intro to College Writing  (F-W1) | | 3 | ENV 280 – Intro to Environmental Science (E-NS) | 3 |
| Contact program director about the NIOSH Scholarship! | ENV 120 – Intro to Occupational Safety and Health | | 3 | ENG 200 Intro to Literature  (F-AH) | 3 |
|  | COMM 145 Fundamentals of Public Speaking (F-OC) | | 3 | HIST 101 World History I OR  HIST 102 World History II (F-SB) | 3 |
|  | BIOL 120/121 – Bio Concepts: Cells, Metabolism (with Lab) (E-NS, SL) | | 4 | CHEM 105/106 – Fundamentals of General Chemistry & Lab (E-SL) | 4 |
|  |  | |  | GEOL 111 – The Earth | 3 |
|  | **TOTAL CREDIT HOURS** | | **13** | **TOTAL CREDIT HOURS** | **16** |
|  |  | |  |  |  |
| **SECOND YEAR** | **Fall Semester** | | | **Spring Semester** | |
|  | CHEM 107/108 – Fundamentals of Organic Chemistry (and Lab) | 4 | | CHEM 116 – Introduction to College Chemistry | 3 |
|  | Math 116 – College Algebra (F-QR) | 3 | | MATH 117 – Trigonometry | 3 |
| Visit The Learning Center for free tutoring! | ECON 202 – Principles of Economics (Micro) (E-SB) | 3 | | Connections: Local to Global Course (K-LG) | 3 |
|  | Arts and Humanities (E-AH) | 3 | | BIOL 207/208 – General Microbiology (and Lab) | 4 |
|  | Connections: Social and Cultural  (K-SC) | 3 | | ENV 221 – Occupational Safety & Health Standards | 3 |
|  | **TOTAL CREDIT HOURS** | **16** | | **TOTAL CREDIT HOURS** | **16** |

**World Language Proficiency:** All students must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to [www.wku.edu/modernlanguages/placement/](http://www.wku.edu/modernlanguages/placement/).

**Colonnade Plan:** All students must complete 39 hours in 13 specific Colonnade areas. Colonnade areas are listed in parentheses marked in blue after the corresponding classes. Some areas may have specific course requirements while others can be chosen from selected lists of options. For more details and to see lists of options, go to <http://www.wku.edu/colonnade/documents/approved_colonnade_courses_website.pdf>

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| **THIRD YEAR** | **Fall Semester** | | **Spring Semester** | |
|  | PHYS 231/232 – Intro to Physics and Biophysics (and Lab) | 4 | PH 384 – Intro to Epidemiology | 3 |
|  | ENV 423 – Safety Program Management | 3 | ENV 321/323 – Fundamnetals of Industrial Hygiene (and Lab) | 4 |
| Visit the Advising & Career Development Center | PH 383 – Biostatistics in the Health Sciences | 3 | ENG 300 Writing in the Disciplines (F-W2) | 3 |
|  | ENV 410/411 – Water Treatment Processes (and Lab) | 4 | ENV Elective | 3 |
|  |  |  | Connections: Systems (K-SY) | 3 |
|  | **TOTAL CREDIT HOURS** | **14** | **TOTAL CREDIT HOURS** | **16** |
|  |  |  |  |  |
| **FOURTH YEAR** | **Fall Semester** | | **Spring Semester** | |
|  | PH 385 – Environmental Health | 3 | ENV 474 – Environmental Risk Assessment | 3 |
| Apply for Graduation | ENV 360/365 – Air Pollution Control (and Lab) | 4 | ENV 380 – Principles of Environmental Toxicology | 3 |
|  | ENV 460 – Environmental Management | 3 | ENV 480 – Hazardous and Solid Waste Management | 3 |
| Celebrate!!! | ENV Elective | 3 | ENV 491 – Internship in Environmental Health and Safety | 3 |
|  | ENV 486 – Senior Environmental Seminar | 1 | ENV Elective | 3 |
|  | **TOTAL CREDIT HOURS** | **14** | **TOTAL CREDIT HOURS** | **15** |
| **Total Credit Hours: 120\*\*** | | | | |
| ***\*Please see undergraduate catalog for admission requirements to the Department of Public Health and for course grade requirements in major.***  *\*\*(If World Language course is taken, total credit hours may increase.)*  Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester. | | | | |
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| **For more Information:** | **Department: Department of Public Health, Academic Complex 133** |
|  | **Website:** [**http://www.wku.edu/publichealth/bs\_ph\_ehc.php**](http://www.wku.edu/publichealth/bs_ph_ehc.php) | |
|  | **Phone: (270) 745-4797** |
|  | **Email:** [**public.health@wku.edu**](mailto:public.health@wku.edu) |