

Biomonitoring PHD

Version 7/31/2018

| | |
|-------------------|--|
| Student Name: | |
| Advisor Name: | |
| Research Advisor: | |

| 1st Year Fall Semester | Course Number | Credit Hours | Date Approved | Advisor Initials | Grade | Advisor Initials |
|--|---------------|--------------|---------------|------------------|-------|------------------|
| Environmental Health Seminar | ENV-7001 | 1 | | | | |
| Practice in Occupational Exposure Assessment I | EIH-7041C | 2 | | | | |
| Identification of Potential Workplace Exposures | EIH-9004 | 3 | | | | |
| Introduction to Biostatistics | BE-7022 | 3 | | | | |
| Introduction to Epidemiology | BE-7076 | 2 | | | | |
| Principles of Occupational Exposure Assessment | EIH-7007 | 2 | | | | |
| Current Topics in Occupational Hygiene I | EIH-8081 | 1 | | | | |
| Principles of Ergonomics | OE-7092C | 2 | | | | |
| Survey of Physiology | EIH-7084 | 1 | | | | |
| Professional Development | EIH-8084 | 1 | | | | |
| Total Credits | | 18 | | | | |
| 1st Year Spring Semester | Course Number | Credit Hours | Date Approved | Advisor Initials | Grade | Advisor Initials |
| Environmental Health Seminar | ENV-7001 | 1 | | | | |
| Physical Aspects of the Environment | EIH-7090C | 2 | | | | |
| Occupational Health, Hygiene and Safety Workshop I | EIH-8019 | 2 | | | | |
| Current Topics in Occupational Hygiene II | EIH-8082 | 1 | | | | |
| Literature of Biological Monitoring | EIH-7094 | 1 | | | | |
| Physical and Biological Aspects of Aerosols | EIH-7043C | 2 | | | | |
| Practice of Occupational Exposure Assessment II | EIH-7042C | 2 | | | | |
| Survey of Toxicology (or Environmental Genetics and Molecular Toxicology-Alternative TOX-8052) | TOX-7082 | | | | | |
| Human Biological Monitoring and Biological Markers | EIH-8043 | 2 | | | | |
| Evaluation of Workplace Exposures | EIH-7075 | 2 | | | | |
| Total Credits | | 15 | | | | |
| 2nd Year Fall Semester | Course Number | Credit Hours | Date Approved | Advisor Initials | Grade | Advisor Initials |
| Environmental Health Seminar | ENV-7001 | 1 | | | | |
| Occupational Health, Hygiene and Safety Workshop II | EIH-8020 | 2 | | | | |
| Literature of Biological Monitoring | EIH-7094 | 1 | | | | |
| Occupational Safety Engineering | MECH-6050 | 3 | | | | |
| Hazardous Materials Management | EIH-8034 | 2 | | | | |
| Current Topics in Occupational Hygiene I | EIH-8081 | 1 | | | | |
| Professional Development (Can be taken in Fall or Spring) | EIH-8084 | 1 | | | | |
| Experimental Design (must take this or Design and Management of Field Studies in Spring) | BE-7089 | | | | | |
| Written or Verbal communication course (See below for Options, need only one class from list) | | | | | | |
| Research | ENV-8091 | | | | | |
| Elective (See list below for Options) | | | | | | |
| Elective (See list below for Options) | | | | | | |
| Total Credits | | 11 | | | | |
| 2nd Year Spring Semester | Course Number | Credit Hours | Date Approved | Advisor Initials | Grade | Advisor Initials |
| Environmental Health Seminar+A22 | ENV-7001 | 1 | | | | |
| Molecular Epidemiology | BE-9073 | 2 | | | | |
| Ethics in Research | GNTD-7003 | 1 | | | | |
| Current Topics in Occupational Hygiene II | EIH-8082 | 1 | | | | |
| Teaching Practicum in Environmental Health (Need 2 credit hours) | EIH-7025 | 1 | | | | |
| Design and Management of Field Studies (must take this or Experimental Design in Fall) | BE-9075 | | | | | |
| Written or Verbal communication course (See below for Options, need only one class from list) | | | | | | |
| Dissertation Thesis Research (Minimum 1 required and must have passed qualifiers) | ENV-7091 | | | | | |
| Research | ENV-8091 | | | | | |
| Elective (See list below for Options) | | | | | | |
| Elective (See list below for Options) | | | | | | |
| Total Credits | | 6 | | | | |

| List of Recommended Electives (need 9 hours total with 3 hours from each of the 3 groups) | Course Number | Credit Hours | Term |
|---|---------------|--------------|--------|
| Need 3 hours from the following courses | | | |
| Introduction to Measurement Techniques in Ergonomics | OE-7048 | 2 | Spring |
| System Safety Engineering | MECH-6052 | 3 | Spring |
| Managing Health and Safety Programs in the Workplace | ANCH-8042 | 3 | Spring |
| Leadership and Human Resource Management in Occupational Health | ANCH-8054 | 4 | Spring |
| Biomechanical and Physiological Aspects of Muscular Activity | OE-7044 | 2 | Fall |
| Occupational and Environmental Diseases and Injuries | ANCH-8040 | 3 | Fall |
| Biomechanical and Physiological Aspects of Muscular Activity | OE-7044 | 2 | Fall |
| Need 3 hours from the following courses | | | |
| Introduction to Nuclear Engineering and Health Physics | MECH-6003 | 3 | Fall |
| Toxicological Modeling Biological Monitor Risk Applications | EIH-8045 | 2 | Spring |
| Applied Risk Assessment | EIH-8078 | 2 | Spring |
| Need 3 hours from the following courses | | | |
| Quantitative and Qualitative Data Collection Methods for Health Services Research | BE-7070 | 2 | Spring |
| Applied Survival Analysis | BE-7090C | 2 | Spring |
| Applied Multivariate Analysis | BE-7091 | 3 | Spring |
| Regression Analysis | BE-7088 | 3 | Spring |
| Data Analysis with R | BE-7072 | 2 | Spring |

| List of Communication Courses | Course Number | Credit Hours | Term |
|---|---------------|--------------|-------------|
| Successful Scientific Writing | BE-8076 | 2 | Fall/Spring |
| Introduction to Public Speaking | COMM-1071 | 3 | Fall/Spring |
| Professional Development in Biomedical Research | MCP-8001 | 2 | Fall |
| Technical and Scientific Writing | ENGL-4092 | 3 | Fall/Spring |
| Grant Writing and Resource Development | HPE-7014 | 3 | Spring |

| Graduate Confirmation | YES | Advisor Initials | Graduate Program Initials | Graduate studies Initials |
|--|-----|------------------|---------------------------|---------------------------|
| Have all course requirements been completed? | | | | |
| Do all classes waived have form confirming waiver? | | | | |
| Do all electives with exceptions have form confirming exception? | | | | |