## **Occupational Ergonomics PHD**

Student Name:						
Advisor Name:						
1st Year Fall Semester	Course Number		Date Approved	Advisor Initials	Grade	Advisor Initia
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 Epidemiology	BE-7076	3				
Introduction to Biostatistics	BE-7022	3				
Principles of Occupational Exposure Assessment	EIH-7007	2				
Survey of Physiology	EIH-7084	1				
Current Topics in Occupational Hygiene I	EIH-8081	1				
Principles of Ergonomics	OE-7092C	2				
	Total Credits	18				
1st Year Spring Semester	Course Number	Credit Hours	Date Approved	Advisor Initials	Grade	Advisor Initia
Environmental Health Seminar	ENV-7001	1				
Practice of Occupational Exposure Assessment II	EIH-7042	2				
Occupational Health, Hygiene and Safety Workshop I	EIH-8019	2				
Physical Aspects of the Environment	EIH-7090C	2				
Current Topics in Occupational Hygiene II	EIH-8082	1				
Evaluation of Workplace Exposures	EIH-7075	2				
Ethics in Research	GNTD-7003	1				
Professional Development	EIH-8084	1				
Introduction to Measurement Techniques in Ergonomics	OE-7048	2				
Written or Verbal communication course (See below for Options, need only one class from list)						
Elective (See list below for Options and not to exceed 12 credit hours)		-				
	Total Credits	11				
2nd Year Fall Semester	Course Number	Credit Hours	Date Approved	Advisor Initials	Grade	Advisor Initia
Environmental Health Seminar	ENV-7001	1				
Biomechanical and Physiological Aspects of Muscular Activity	OE-7044	2				
Occupational Health, Hygiene and Safety Workshop II	EIH-8020	2				
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	•				
Research	ENV-8091					
Written or Verbal communication course (See below for Options, need only one class from list)						
Elective (See list below for Options and not to exceed 12 credit hours)						
	Total Credits	12				
2nd Year Spring Semester	Course Number		Date Approved	Advisor Initial	Grade	Advisor Initia
Environmental Health Seminar	ENV-7001		Date Approved		Jiaue	
Current Topics in Occupational Hygiene II	EIH-8082	1				
System Safety Engineering	MECH-6052	3				
Teaching Practicum in Environmental Health (need 2 credit hours total)	EIH-7025	3				
Design and Management of Field Studies (must take this or Experimental Design in Winter)	BE-9075	1				
	BE-9075 ENV-7091					
Dissertation Thesis Research (Minimum 1 required and must have passed qualifiers)						
Written or Verbal communication course (See below for Options, need only one class from list)						
Research	ENV-8091					
Elective (See list below for Options and not to exceed 12 credit hours)	-					
Elective (See list below for Options and not to exceed 12 credit hours)	Total Courts	-				
	Total Credits	6				

List of Recommended Electives (need 9 hours total with 3 hours from each of the three groups)	Course Number	Credit Hours	Term
Need 3 hours from the following courses			
Introduction to Nuclear Engineering and Health Physics	MECH-6003	3	Fall
Health Planning and Analysis	ANNA-8010	3	Fall
Racism as a Public Health Concern	PH-7003	3	Fall
Global and International Health Systems	PH-8070	3	Fall
EGMT Alternative Course	TOX-8052	3	Spring
Environmental Genetics and Molecular Toxicology-Alternative	TOX-8052	3	Spring
Need 3 hours from the following courses			
Literature of Biological Monitoring	EIH-7094	1	Spring
Interprofessional Field Experience in Occupational Health	ANCH-8056	1	Fall/Spring
Understanding Vulnerable Populations	PH-8062	3	Fall
Human Biological Monitoring and Biological Markers	EIH-8043	2	Spring
Toxicological Modeling Biological Monitor Risk Applications	EIH-8045	2	Spring
Ventilation Safety & Health	EIH-8035	1	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
Statistical Computation and Software	PH-7011	1	Fall
Study Design & Analysis	BE-8069	2	Fall
Data Collection and Storage with REDCap	BE-7034	1	Fall
Intro to Database Mgmt. Systems	BE-8093	3	Fall
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-8075/8076	2	Fall/Spring
Communicating Your Science	BE-7031	2	Fall
Professional Development in Biomedical Research	MCP-8001	2	Fall
Grant Writing and Resource Development	HPE-7014	3	Spring

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