

Course Work for Gerald Bergman, Ph.D.

(Includes course work taken at Wayne State University (WSU), Bowling Green State University (BGSU), Medical College of Ohio Now the Medical School of the University of Toledo (MCO), University of Wisconsin (UW), Miami University, Oxford OH (MU), University of Toledo (UT) Columbia Pacific University (CPU), Oakland Community College (OCC), University of California, Berkeley (UC, B), Owens State Community College (OSCC), Northwest State Community College (NSCC), and Biola University. **Breakdown of Course Work** (both graduate and undergraduate - Note: minor overlap exists between sections). All Hours converted to quarter hours, and some classes are in process.

NUMBER	COURSE TITLE	Credits
Biology/Science		
BIO 0161	Anatomy & Physiology I (OCC)	5
BIO 0162	Anatomy & Physiology II (OCC)	4
BIO 0151	General Biology I (OCC)	6
BIO 0152	General Biology II (OCC)	6
BIO 0507	Genetics (WSU)	4
BIO 0220	Introduction to Microbiology (WSU)	4
BIO 0271	Comparative Vertebrate Zoology (WSU)	6
BIO 0509	Evolution (WSU)	4
BIO 137	Surface Phenomena in Physical and Biological Systems (UC,B)	4
PSY 0330	Psychophysiology (BGSU)	4
HYG 0281	Individual Hygiene (WSU)	3
PER 0172	First Aid (OCC)	4
SCE 3561	Science in the Elementary Schools (WSU)	4
GEG 0652	Field Study (WSU)	4
GEG 0390	Directed Study (WSU)	2
PHY 0191	Physics and Astronomy (WSU)	4
GSC 0156	Physical Science/Chemistry (OCC)	4
GEO 0110	World and Regional Geography (WSU)	4
GEO 0210	Elements of Geography (WSU)	4
U420-100	General Geology (UW)	4
U640-100	Meteorology (UW)	3
U736-101	Introduction to Philosophy (UW)	5
U224-103	General Chemistry I (UW)	4
U224-104	General Chemistry II (UW)	4
	Colloid Science Principles UC, B	4
PSY 0490	Biology of Learning (WSU)	4
BIO 2805	Substance Abuse (NSCC)	3
U694-132	Nutrition Today (UW)	4
NV 0502	Topics in Nutrition (CPU)	8
BIO 0332	Nutrition and Health Habits (CPU)	3
BIO 0523	Studies in Literature (Biological Evolution) (CPU)	4
BIO 0507	Evaluation Concepts and Methods (Eugenics) (CPU)	12
BIO 0508	Biometry (CPU)	12
BIO 0515	Concepts Human Development. (Brain & Communication) (CPU)	8
BIO 0521	Holism, Concept: Its Origins and Implications (CPU)	4
BIO 0522	Ecology: Our Home and Heritage Held in Trust (CPU)	4
BIO 0523	Health and Healing: Perspectives and Practicalities (CPU)	4
BIO 0507	Parasitology (CPU)	4
BIO 0573	Neuroscience (CPU)	4
BIO 0503	Cell Ultrastructure (CPU)	4
BIO 0502	Cell Biology (CPU)	4
MM 0311	Materials and Methods (CPU)	3
MM 0512	Doctoral Supplement: Materials and Methods (CPU)	1
IS 0542	Ph.D. Diss. (on noninvasive biology research/diagnostic tech.) (CPU)	12
	Radiation Safety (MCO)	

10.651	Basic Science Interdepartmental Seminar (MCO)	1
03.521	Recombinant DNA Methodology (MCO)	2
		Computed
Tomography (MCO)	4	
03.673	Research in Biochemistry (MCO)	14
03.657	Readings in Biochemistry (MCO)	2
03.672	Current topics in Biochemistry (MCO)	3
03.672	Current topics in Biochemistry (MCO)	2
20.886	Microscope Techniques: Transmission Electron Microscopy (MCO)	5
20.877	Scanning Electron Microscopy (MCO)	4
15.889.09	Radiology: Magnetic Resonance Imaging (MCO)	4
CHM 698	Topics in Biochemistry Technology (MU)	3
20.879	Microscopic Techniques: Basic and Advanced Light Microscopy (MCO)	4
CHM. 698	Separation Science (MU)	3
20.611.01	Human Genetics (MCO)	3
15.898.02	Computer Tomography (MCO)	4
20.673	Research, Biomedical Science (MCO)	4
50.699	Thesis Research (MCO)	8
CHM 698.0	Organic Chemistry (MU)	3
50.699	Thesis Research (MCO)	4
10.672	Current Topics in Pathology(Cancer) (MCO)	4
IND1500	Structure and Function of the Normal Body (MCO)	12
IND1699	Thesis Research (MCO)	10
CHM 699.7	Research in Chemical Education.(MU)	1.5
NERS 856	Readings in Neural Science. (MCO)	1.5
DENT 656	Readings in Oral Biology. (MCO)	1.5
PUBH689	Independent Study in Environment Health. (MCO)	4
CHM 698.M	Risks and Choices (MU)	5
OCCH 501	Occupational Health (MCO)	4
CHM 699V	Industrial Chemistry follow-up (MU)	1.5
PUBH 601	Public Health Epidemiology (MCO)	4
OCCH 673	Research in Occupational Health (MCO)	4
PUBH 603.01	Advanced Epidemiology (MCO)	4
CHM 698.P	Foods and Flavors (MU)	3
CHM 698.T	Science of Pyrotechnics (MU)	3
PUBH 698	Capstone Seminar (MCO)	4
HEAL 6600	Health Behavior (UT)	4
PUBH 605	Intro to Environmental Health (BGSU)	4
PUBH 696	Public Health Internship (MCO)	3
CI 5950	Foundations of Grant Writing (UT)	4
PATH 620.10	Principles of Toxicology (MCO)	4
PUBH 696	Public Health Internship (MCO)	1
CHM	Microscope (MU)	4
PUBH 604	Public Health Administration (BGSU)	4
PUBH 515	Principles of Environmental Health (MCO)	4
PUBH 550	Public Health Microbiology (MCO)	4
CHM 629	Chemical Aspects of Forensic Science (MU)	4
CHM 628c	Pharmacology (University of Cincinnati)	4
HEAL 6640	Issues in Public Health (TU)	4
OCCH 561	Physical Agents (MCO)	4
OCCH 689	Independent Study in Occupational Health (Mutations)(MCO)	4
OCCH 510	Human Systems and Occupational Diseases (MCO)	3
OCCH 640	Environmental and Occupational Health Law (MCO)	3
CHM 698	Safety(MU)	2
CHM 698	Artful Chemistry (MU)	3
OCCH 505	Principles of Occupational Safety	3
OCCH 520	Air Monitoring and Analytical Methods	4
CHM 627	Applying Chemistry (Chemistry Research) (MU)	5

CHM 698	Chemistry of Corrosion (MU)	3
OCCH 699	Thesis Research (MCO).	4
OCCH 535	Human Factors and Ergonomics (MCO)	3
OCCH 525	Chemistry of Hazardous Materials (MCO)	3
OCCH 540	Methods of Hazard Control (MCO)	4
CHM 628	Paper Chemistry (MU)	2

Total Quarter Hours in the Science/Health and Science Area 462

Math/Evaluation/Research/Statistics

MAT 0151	Comparative Mathematics (OCC)	4
ELE 3315	Methods & Materials in Mathematics (WSU)	4
PSY 0310	Statistical Methods (WSU)	4
EER 6660	Field Studies in Research (WSU)	4
EER 9666	Directed Research (WSU)	4
EER 7661	Evaluation and Measurement (WSU)	4
EER 7664	Fundamental Research Skills (WSU)	4
EER 9668	Advanced Research and Experimental Design (WSU)	4
EER 7663	Fundamentals of Statistics (WSU)	4
EER 8663	Advanced Problems in Measurement (WSU)	4
EER 7665	Computer Use in Research (WSU)	4
EER 8664	Variance and Co-Variance Analysis (WSU)	4
EER 9666	Research Problems (WSU)	4
EER 9669	Doctoral Research (Evaluation and Research) (WSU)	45
	Total	97

Psychology

PSY 0251	Introduction to Psychology (OCC)	4
PSY 0340	Developmental Psychology (WSU)	4
PSY 0305	Psychology of Perception (WSU)	4
PSY 0335	Theories of Personality (WSU)	4
PSY 0310	Statistical Methods in Psychology (WSU)	4
PSY 0460	Social Psychology (WSU)	4
EDP 3731	Introduction to the Study of the Child (WSU)	4
PSY 0330	Psychology of Adjustment (WSU)	4
PSY 0430	Abnormal Psychology (WSU)	5
PSY 0111	Industrial Psychology (OSCC)	3
EDP 5745	Child Psychology (WSU)	3
EDP 7735	The Learning Process (WSU)	3
CP 7830	Environment and Child and Adolescent Psychology (WSU)	6
CP 6831	Introduction to Psychological Testing (WSU)	3
EDP 7741	Human Developmental Psychology (WSU)	4
EDP 5741	Mental Hygiene and Education (WSU)	3
EDP 7731	Advanced Educational Psychology (WSU)	6
EDP 5742	Juvenile Delinquency and Schools (WSU)	3
EDP 5745	Adolescent Psychology (WSU)	3
EGC 7701	Role of the Teacher in Guidance (WSU)	3
EGC 7704	Case Problems in Guidance (WSU)	3
EGC 7705	The Counseling Process (WSU)	3
EDP 7749	Terminal Master Dissertation (WSU)	4
PSY 0303	Introduction to Experimental Psychology (WSU)	6
PSY 0562	Psychology of Influence (WSU)	4
PSY 0628	Psychoanalytic Theory (WSU)	4
PSY 0330	Psychophysiology (BGSU)	4
PSY 0480	Concept Development in Young Children (BGSU)	4

PSY 0508	Behavior Pathology I (BGSU)	5
PSY 0509	Behavior Pathology II (BGSU)	5
PSY 0440	Social Issues in Child Development (BGSU)	4
PSY 0580	Psychology of Chiliastic Movements (BGSU)	4
REH 0567	Community Approach to Counseling (BGSU)	4
PSY 0682	Issues in EEOC Compliance (BGSU)	3
REH 0558	Psychosocial Aspects of Disability (BGSU)	<u>3</u>
	Total	137

Sociology

SOC 0251	Introduction to Sociology (OCC)	4
SOC 0514	Social Stratification (WSU)	4
SOC 0541	Juvenile Delinquency (WSU)	4
SOC 0202	Social Problems (WSU)	3
SOC 0506	The Family (WSU)	4
SOC 0600	Methods in Social Research (WSU)	4
SOC 0616	Industrial Sociology (WSU)	4
SOC 0508	Race Relations in the U.S.A. (WSU)	4
SOC 0550	Marriage & Family Problems (WSU)	4
SSC 0151	Foundation of Modern Society, I (OCC)	4
SSC 0152	Foundation of Modern Society, II (OCC)	4
EDS 7621	Educational Sociology (WSU)	3
EDS 7623	Intergroup Relations in the Comm. & School (WSU)	4
POL 0511	Public Opinion & the Political Process (WSU)	4
POL 0151	American Government (OCC)	5
SOC 0460	Social Psychology (WSU)	4
ECI 0251	Basic Economics (OCC)	5
ANT 0210	Introduction to Anthropology (WSU)	5
SOC 0612	Community (BGSU)	4
SOC 0680	Women and Institutions (BGSU)	4
SOC 0670	The Sociology of Homosexuality (BGSU)	4
SOC 0540	The Sociology of Education (BGSU)	4
SOC 0561	Corrections (BGSU)	4
SOC 0599	Master's Thesis (BGSU)	10
SOC 0590	Juvenile Delinquency (BGSU)	4
SOC 0544	Deviant Behavior (BGSU)	4
SOC 0682	Issues in Criminology & Corrections (BGSU)	4
SOC 0570	Studies on Suicide (BGSU)	4
SOC 0652	Collective Behavior (BGSU)	4
SOC 0504	Development of Modern Sociology (UT)	4
SOC 0680	Ethnic Groups in America (BGSU)	4
SOC 0562	Criminal Law (BGSU)	4
SOC 0523	Sociology of Organization (BGSU)	4
SOC 0525	Demography (BGSU)	4
SOC 0535	Proseminar in Social Psychology (BGSU)	4
SOC 0680	Police and Community (BGSU)	4
SOC 0580	Social Gerontology (BGSU)	4
SOC 0580	World Poverty (BGSU)	4
SOC 0580	Theories of Social Problems (BGSU)	4
SOC 0580	Sociology of Sport (BGSU)	4
SOC 0580	Applied Social Research (BGSU)	4
SOC 0502	Modern Social Theory (BGSU)	4
SOC 0460	Family and Sex Roles (BGSU)	4
SOC 0660	Theories of Criminology (BGSU)	4
SOC 0670	Male Sex Roles (BGSU)	4
SOC 0660	Myth and Myth Making (BGSU)	<u>4</u>
	Total	191

Education/Library Science

ED 3015	Schools and Society (WSU)	4
SSE 4571	Methods & Materials of Social Stud. Ed. (WSU)	4
SSE 4572	Student Teaching Seminar--High School (WSU)	4
ELE 3321	Literature for Children (WSU)	4
ELE 4312	Student Teaching (Elementary) (WSU)	16
SSH 4572	Student Teaching (Secondary) (WSU)	16
SPE 5404	Diagnostic Speech Improvement (WSU)	3
ELE 3317	Methods & Materials of Lang. Arts Ed. (WSU)	4
EDP 3601	Introduction to the Philosophy of Ed. (WSU)	4
LIB 0101	Introduction to Library (OCC)	4
LIB 0103	Introduction to Audio-Visual Material (OCC)	5
IT 5761	Technology in Education (WSU)	<u>4</u>
	Total	72

History

HIS 0201	American Democracy to 1815 (WSU)	4
HIS 0202	American Democracy 1815-1885 (WSU)	4
HIS 0110	The World and the West-Foundations (WSU)	4
HIS 0120	The World and the West 800-1700 (WSU)	4
HIS 0130	The World and the West-Modern (WSU)	<u>4</u>
	Total	20

Other Classwork

DRT 0111	Lay Out Drafting (OCC)	4
DRT 0112	Production Drafting (OCC)	4
ENG 0205	Composition and Literature (WSU)	4
ENG 151	English I (OCC)	4
ENG 152	English II (OCC)	4
ENG 261	Public Speaking (OCC)	4
GER 0090	German Ph.D. Reading Requirement(WSU)	6
GRK 0101	Elementary Greek (WSU)	4
ENG 0234	English Bible as Literature (WSU)	4
ART 0156	Art Appreciation (OCC)	4
Philo	Science & Philosophy	2
PE 0134	Handball (WSU)	1
PE 0135	Archery (WSU)	1
PE 0136	Bowling (WSU)	<u>1</u>
	Total	47

Grand Total 1,026

Summary. I have the equivalent of 20 masters degrees, which is a total of 40 years full time education. Add to this my 12 years of grade and high school means that I have a total of 52 years full time formal for credit education. The above list is not complete.