

**Institution: IUPUI**

**STARS Report 2019**

**AC1: Academic Courses**

**Part 1: Number of Courses Offered**

See Page 2: [Total Courses by SUST Spheres](#)

**Part 2: Number of Academic Departments**

See Pages 3-6: [Total Courses by Acad Dept](#)

**Course Inventory - Sustainability Courses:**

See Pages 7-13: [Inventory - SUST Courses](#)

**Course Inventory - Courses that Include SUST:**

See Pages 14-38: [Inventory - Include SUST](#)

Institution Code	(All)	AC1: Summary of Courses (includes all Sections)					
Total Enrollment	(All)	Number of Sustainability Spheres					
Count of Course Catalog Number	mn Labels	0	1	2	3	#N/A	Grand Total
DENT		4	5	1		393	403
GRAD		981	2,312	582	48	3,786	7,709
GRD1			8			35	43
LAW		128	72	1	6	609	816
MED		32	13			230	275
UGRD		2,436	5,342	1,843	198	10,174	19,993
<b>Grand Total</b>		<b>3,581</b>	<b>7,752</b>	<b>2,427</b>	<b>252</b>	<b>15,227</b>	<b>29,239</b>

Key: 0 and #N/A = None  
 1 = 1 sphere of SUST  
 2 = Courses that Include Sustainability (based on @ least 2 SUST areas)  
 3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)

# of Sustainability Spheres (Economic/Environmental/Social):	0	1	2	3	#N/A	Grand Total
<b>Total UG</b>	-	5,342	1,843	198	10,174	19,993
<b>Total Grad</b>		2,410	584	54	5,053	9,246
		7,752	2,427	252	15,227	29,239
		26.5%	8.3%	0.9%	52.1%	
			9.16%			

AC1: Summary of Courses (includes all Sections)

**AC1: Summary by Academic Department**

Institution Code		(All)				
Count of Course ID	Column Labels					
Row Labels	0	1	2	3	#N/A	Grand Total
<b>DENT</b>	<b>4</b>	<b>5</b>	<b>1</b>		<b>393</b>	<b>403</b>
Dentistry	4	5	1		393	403
<b>GRAD</b>	<b>981</b>	<b>2312</b>	<b>582</b>	<b>48</b>	<b>3786</b>	<b>7709</b>
American Studies			1		8	9
Anatomy	7				15	22
Anesthesiology					20	20
Anthropology		3	32		35	70
Biochemistry		5			10	15
Biology	6				210	216
Biomedical Engineering	39				95	134
Biophysics					3	3
Biostatistics (Public Health)	18	18			52	88
Business	1	91	8		93	193
Business Columbus		8	4		43	55
Business Prof Accountancy					103	103
Candidate					13	13
Chemistry and Chemical Biology	2				141	143
Communication & Theatre	72	36			43	151
Computer Science	6				157	163
Economics		11	15		10	36
Education	24	712	11		349	1096
Electrical & Comp Eng Tech		2				2
Electrical & Computer Engr	17	61			122	200
English		58	8		85	151
Environmental Health Science			45	3	1	49
Epidemiology	1	73			12	86
Forensic & Investigative Sci	16	1			24	41
French		2			1	3
Geography		10	3		25	38
Geology		20			91	111
Germanic Languages		1			5	6
Graduate					14	14
Graduate Medicine	16				63	79
Health Policy and Management		12	91		18	121
Health, Phys Ed, & Recreation	4	7	2		22	35
Herron School of Art & Design	18	23	21	30	57	149
History		34	1	1	51	87
Industrial Engr Technology	8				10	18
Informatics	264	40	6		206	516
Journalism & Public Relations	7	4	1		28	40
Library & Information Science	63	14	4		10	91
Linguistics	8				8	16
Mathematics	1				113	114
Mechanical Engineering	7	105	1	6	136	255
Medical Genetics	7	3			33	43
Medical Humanities & Hlth Stud	1		15			16
Medical Neurobiology	3				14	17
Medical Sciences	2				4	6
Microbiology	3				17	20
Museum Studies	32				3	35
Music	30	1			25	56
New Media	94	1	1		28	124
Nursing	127	126	11		151	415
Online Class Connect					10	10
Org Leadership & Supervision	16	3	4	1	36	60
Overseas Studies		8			35	43
Pathology	12				8	20
Pharmacology	4				18	22
Philanthropy	1	39	22		37	99
Philosophy		19	9		17	45
Physics	2				32	34
Physiology	4				24	28
Political Science		8			8	16
Psychology	10	35	7		185	237
Public And Envir Affairs	5	320	48	6	6	385
Public Health		2				2
Radiation Oncology	3				15	18
Religious Studies					3	3
Sch of Hlth & Rehab Sciences		222	29		73	324
School of Social Work	3	140	113		358	614
Social and Behavioral Science		14	21	1		36
Sociology			42		25	67
Spanish	7	14			6	27
Statistics	2				39	41
Technical Communications					2	2
Technology	8	6			62	76
Tourism Conv & Event Mgmt			2		7	9

Key: 0 and #N/A = None  
 1 = 1 sphere of SUST  
 2 = Courses that Include Sustainability (based on @ least 2 SUST areas)  
 3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)

**AC1: Summary by Academic Department**

Institution Code	(All)					
Count of Course ID	Column Labels					
Row Labels	0	1	2	3	#N/A	Grand Total
Women's Studies			4			4
World Languages And Cultures					3	3
<b>GRD1</b>		<b>8</b>			<b>35</b>	<b>43</b>
Business		6			30	36
Innovation & Implement Science		2			5	7
<b>LAW</b>	<b>128</b>	<b>72</b>	<b>1</b>	<b>6</b>	<b>609</b>	<b>816</b>
Law	128	72	1	6	609	816
<b>MED</b>	<b>32</b>	<b>13</b>			<b>230</b>	<b>275</b>
Anatomy	8				12	20
Biochemistry		1			3	4
Medical Chemistry	1				1	2
Medical Genetics	2	1			2	5
Medical Microbiology					1	1
Medical Sciences	3	2			22	27
Medicine	5	9			133	147
Medicine Registrations					21	21
Microbiology	4				4	8
Pathology					13	13
Pharmacology	2				6	8
Physiology	7				2	9
State-Wide Medical Educ Prog					10	10
<b>UGRD</b>	<b>2436</b>	<b>5342</b>	<b>1843</b>	<b>198</b>	<b>10174</b>	<b>19993</b>
Aerospace Studies					36	36
Afro-American Studies	1	16	5	3	20	45
Amer Sign Lang/Eng Interpret		57			21	78
American Studies	48	27			1	76
Anthropology	4	88	91	2	23	208
Architectural Technology					49	49
Art	4	9	3			16
Astronomy		10			7	17
Bio Technology					1	1
Biology	2	215	5		751	973
Biomedical Engineering	9				26	35
Biostatistics (Public Health)	1		2		2	5
Business	25	799	130	4	307	1265
Candidate					8	8
Chemistry	7	3			34	44
Chemistry and Chemical Biology	138	14			563	715
Classical Studies	2	18	2		12	34
College Of Arts And Sciences					14	14
Communication		1			4	5
Communication & Theatre	54	41	9		399	503
Computer & Info Technology	1				91	92
Computer Graphics Technology	24				81	105
Computer Science	29				167	196
Construction Engr Mgmt Tech		25	3		58	86
Dental Assisting		3			56	59
Dental Auxiliary Education					2	2
Dental Hygiene		9			43	52
Division of Labor Studies		3	23		128	154
East Asian Lang & Culture	12	10			23	45
Economics		43	153	10	11	217
Education	6	176	55		713	950
Electrical & Comp Eng Tech	14	5			120	139
Electrical & Computer Engr	28	6			148	182
Emergency Medical Services					30	30
Energy Engineering			40	1	7	48
Engineering	26	38			40	104
Engineering Technology					13	13
Engineering, Freshman		7			12	19
English	5	378	16		540	939
Environmental Health Science		4	20	3	4	31
Epidemiology		6			15	21
Film Studies		7			11	18
Folklore		9				9
Foods & Nutrition		26	15			41
Foreign Language Study					2	2
Forensic & Investigative Sci	29	1			78	108
French		26			32	58
General Science	6	62	4		34	106
General Studies					21	21
Geography		41	15	15	11	82
Geology		351	4		24	379
Germanic Languages		50	3		14	67
Health Information Management	58	2			38	98
Health Policy and Management		39	29	7	1	76
Health, Phys Ed, & Recreation	40	108	68		362	578

Key: 0 and #N/A = None  
 1 = 1 sphere of SUST  
 2 = Courses that Include Sustainability (based on @ least 2 SUST areas)  
 3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)

**AC1: Summary by Academic Department**

Institution Code (All)

Key: 0 and #N/A = None  
 1 = 1 sphere of SUST  
 2 = Courses that Include Sustainability (based on @ least 2 SUST areas)  
 3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)

Count of Course ID Row Labels	Column Labels					Grand Total
	0	1	2	3	#N/A	
Healthcare Engr Tech Mgmt	18	18			21	57
Herron School of Art & Design	350	57	15	23	271	716
History		42	77	1	40	160
Honors					17	17
Industrial Engr Technology					27	27
Industrial Technology		2	2		5	9
Informatics	287	26	2		43	358
Interior Design		37	2	3	23	65
International Studies		9			2	11
Italian		1				1
Journalism & Public Relations	30	19	6		25	80
Labor Studies		5	29		206	240
Latin					2	2
Latino Studies		14			5	19
Liberal Arts and Mgmt Program		29	10			39
Library & Information Science	4	1			4	9
Manufacturing Engineering Tech					12	12
Mathematics	30	1			735	766
Mechanical Engineering		137	6		132	275
Mechanical Engr Tech	38	91			147	276
Medical Humanities & Hlth Stud			33			33
Medical Sciences					1	1
Medicine	1	4			29	34
Microbiology					8	8
Military	39				11	50
Motorsports Engineering	20				18	38
Motorsports Studies					3	3
Museum Studies	51				3	54
Music	102	32			221	355
Native Amercn & Indigenous St		7			6	13
Near Eastern Lang & Cult		8				8
New Media	119	3			183	305
Nursing	284	880	282	80	190	1716
Online Class Connect		3			29	32
Org Leadership & Supervision	6	60		8	126	200
Overseas Studies		10		1	143	154
Pathology	7				81	88
Philanthropy		12	8		42	62
Philosophy		76	7		23	106
Physics	78	5			344	427
Political Science	41	80	14		53	188
Program for Intensive English					268	268
Psychology	49	212	91		165	517
Public And Envir Affairs	58	312	150	16	55	591
Public Health		2				2
Purdue School of Science		1				1
Purdue School of Technology	2		6		8	16
Radiation Oncology					33	33
Radiology	15				137	152
Religion					2	2
Religious Studies		39	18	1	15	73
Sch of Hlth & Rehab Sciences		42	49		67	158
School of Informatics					6	6
School Of Liberal Arts	9				55	64
School of Physical Education					3	3
School of Social Work		77	54		46	177
Social and Behavioral Science		11	26	1		38
Social Work			2			2
Sociology		4	181		5	190
Spanish	14	134			73	221
Statistics	1				83	84
Technical Communications	46	1			113	160
Technology	110	14	2	8	249	383
Technology Leadrshp & Innovatn		16		4	82	102
Theatre					3	3
Tourism Conv & Event Mgmt	51	60	39	7	129	286
University College	2	13			138	153
Women's Studies			37			37
World Languages And Cultures	1	2				3
<b>Grand Total</b>	<b>3581</b>	<b>7752</b>	<b>2427</b>	<b>252</b>	<b>15227</b>	<b>29239</b>

**Academic Department Summary:**

Total UG	51	124	41.1%
MED	0	13	
LAW	1	1	

**AC1: Summary by Academic Department**

Institution Code (All)

Key: 0 and #N/A = None  
 1 = 1 sphere of SUST  
 2 = Courses that Include Sustainability (based on @ least 2 SUST areas)  
 3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)

Count of Course ID Row Labels	Column Labels					Grand Total	
	0	1	2	3	#N/A		
GRD1		0				2	
GRAD		31				76	
DENT		1				1	
Total GRAD		33				93	35.5%
<b>Total All</b>		<b>84</b>				<b>217</b>	<b>38.7%</b>

SUST Spheres	3	<b>3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)</b>
--------------	---	--

Row Labels	Course Academic Group Code	Course Description	Course Description Value
GRAD	ENGR	ENERGY ASSESS INDUSTRIAL PROCESS	Energy Assessment of Industrial ProcessesThe course provides and analyzes methodologies for improving energy efficiency in the manufacturing sector. The manufacturing equipment and processes will be analyzed in terms of energy consumption and optimization. It provides the technical and analytical foundation for students on assessing industrial processes to evaluate measures for optimizing energy efficiency in industrial, electrical, motor drive, compressed air, process heating, process cooling, lighting, space conditioning, combined heat and power systems. This course is designed for students who are interested in energy efficiency.
		ENERGY MANAGEMENT PRINCIPLES	Energy Management PrinciplesThis course provides energy management principles for industrial applications. Various energy management methods, commitments, and strategies for continuous improvement as well as international standards will be analyzed and integrated. This course emphasizes real world applications including: critiquing utility rates structure and assessing costs; characterizing and quantifying energy saving opportunities at industrial facilities; determining investment payback scenarios and considerations.
		HYBRID ELECTRIC TRANSPORTATION	Hybrid & Electric TransportationClass 3. This course will cover fundamentals of hybrid electric and battery electric transportation systems with particular emphasis on automotive vehicles. It will cover basic powertrain configurations of Hybrid Electric Vehicle (HEV), Plug-in Hybrid Electric Vehicle (PHEV), and Battery Electric Vehicle (BEV). The principal element of these powertrain will be discussed: Battery, Electric Motor, Engine, Transmission. This course will cover fundamental design concepts for HEV/PHEV and BEV powertrain. Efficient methods of component sizing via appropriate modeling and analysis methodologies will also be introduced. A basic introduction to power electronic components and microprocessor based controllers for these powertrains will also be given. An in-depth coverage will be given on the energy and power management of HEV/PHEV and BEV powertrain once the design is complete. Introduction of various concepts and terminologies, the state of the art development, energy conversion and storage options, modeling, analysis, system integration and basic principles of vehicle controls will be covered as well. Upon completion of this course, students should be able to follow the literature on these subjects and perform modeling, design, analysis and development work in this field. A field demonstration of a PHEV will be used to further enhance the learning experience in this course.
		INDUST ENRGY ASSESS:TOOLS&APPL	Industrial Energy Assessment: Tools and ApplicationsThis course synthesizes advanced energy efficiency, energy auditing, and energy assessment methods and practices. Several types of industrial audits will be analyzed with respect to the methods, tools (hand and software), and industrial applications. Topics include: the audit process for energy, industrial productivity, and waste stream audits; audit components: energy bill analysis and economic analysis; audit system mechanics related to building envelop, electrical system, HVAC system, waste heat recovery, lighting, cogeneration, and other prevalent industrial systems; and measurement instrumentation issues for each industrial system. Students will enhance learning from a class project, which requires completion of an industrial scale energy audit.
		INTRO TO RENEWABLE ENERGY	Introduction to Renewable EnergyClass 3. This is an introductory course on renewable energy. The students will learn the fundamental principles of the various renewable energy options and their applications and costs. After taking this course, the students will be familiar with the economic and societal impact of renewable energy systems, and be able to participate in the design or selection of renewable energy systems.
	HERR	COLLABORATIVE STUDIO 5	Collaborative Action Research in Design 5 <span style="font-family: Times New Roman; font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;Studio. Initiating basic application and synthesis of Design Leadership. During the fifth semester in the program, students further develop and apply their skills for design leadership by facilitating cross-disciplinary, collaborative design projects.&lt;/p&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		COLLABORATIVE STUDIO 6	Collaborative Action Research in Design 6 <span style="font-family: Times New Roman; font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;Studio. Initiating intermediate application and synthesis of Design Leadership. During this course, students further develop and apply their skills for design leadership by facilitating cross-disciplinary, collaborative design projects.&lt;/p&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		COLLABORATIVE STUDIO 7	Collaborative Action Research in Design 7 <span style="font-family: Times New Roman; font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;&lt;span&gt;Studio. Mastering advanced application and synthesis of Design Leadership. During this course&lt;/span&gt;&lt;span&gt;, students further develop and apply their skills for design leadership by facilitating cross-disciplinary, &lt;span&gt;collaborative design projects.&lt;/span&gt;&lt;/span&gt;&lt;/p&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		COLLABORATIVE STUDIO 8	Collaborative Action Research in Design 8 <span style="font-family: Times New Roman; font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;Studio. Evaluating mastery of advanced Design Leadership. During this course, students evaluate their skills for design leadership by conducting critical reflection on experiences and learning from the facilitation of cross-disciplinary, collaborative design projects.&lt;/p&gt;</span> <span style="font-family: Times New Roman; font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>

SUST Spheres	3	<b>3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)</b>
--------------	---	--

Row Labels	Course Academic Group Code	Course Description	Course Description Value
GRAD	HERR	COLLABRTV ACTN RSRCH IN DSGN 1	Collaborative Action Research in Design IStudio. Application and integration of theory, methods and skills for designing as a cross-disciplinary collaborative process for innovation. Focusing on human-centered design research to support problem finding and fact finding phases of methodology for formulating problems/opportunities, formulating solutions and implementing solutions. Team approach to translation action research.
		COLLABRTV ACTN RSRCH IN DSGN 2	Collaborative Action Research in Design IStudio. Application and integration of theory, methods and skills for designing as a cross-disciplinary collaborative process for innovation. Focusing on analytical techniques including mapping challenges to support the problem defining phase of a methodology for formulating problems/opportunities, formulating solutions and implementing solutions. Team approach to translational action research.
		COLLABRTV ACTN RSRCH IN DSGN 3	COLLABRTV ACTN RSRCH IN DSGN 3Studio. Application and integration of theory, methods and skills for designing as a cross-disciplinary collaborative process for innovation. Focusing on techniques for synthesizing design research to support the idea finding phase of a methodology for formulating problems/opportunities, formulation solutions and implementing solutions. Team approach to translational action research.
		COLLABRTV ACTN RSRCH IN DSGN 4	COLLABRTV ACTN RSRCH IN DSGN 4Studio. Application and integration of theory, methods and skills for designing as a cross-disciplinary collaborative process for innovation. Focusing on techniques for evaluating proposals to support the optimizing and implementing phases of a methodology for formulating problems/opportunities, formulating solutions and implementing solutions. Team approach to translational action research.
		DESIGN METHODS FOR IDEATING DESIGN METHODS FOR PROTOTYPING DESIGN THINKING & SENSEMAKING INDEP STUDY DESIGN THINKING INTRO TO DESIGN THINKING	DESIGN METHODS FOR IDEATING DESIGN METHODS FOR PROTOTYPING DESIGN THINKING & SENSEMAKING INDEP STUDY DESIGN THINKING Introduction to Design ThinkingSeminar. Theorizing and evaluating design as a specialized way of thinking. Examining collaborative, cross-disciplinary innovation processes requiring skills for identifying and framing challenges and generating and optimizing solutions. Surveying essential processes and process skills to deploy design thinking for the development of creative solutions to complex systems level challenges.
		INTRO TO HUMAN FACTORS IN DSGN	Introduction to Human Factors in DesignSeminar. Investigating knowledge and theories to support people-driven innovation as an inclusive co-creative process. Identifying, analyzing synthesizing and evaluating many characteristics of audiences and contexts. These include physical, cognitive, cultural and social human factors as well as the economic, technological and environmental issues that inform and shape design responses.
		LEADERSHIP IN DESIGN EDUCATION	Leadership in Design Education <span style="font-family: Times New Roman; font-size: 3em;">&lt;p&gt;Seminar. Examining application of design thinking as a strategy for leading change in the context of higher design education. Surveying principles and purposes of higher education and frameworks of scholarship. Analyzing design thinking for integrative learning and civic innovation. Evaluating principles of collaborative design for educating citizen professionals.&lt;/p&gt;</span>
		LEADERSHIP IN DESIGN PRACTICE	Leadership in Design Practice <span style="font-family: Times New Roman; font-size: 3em;">&lt;p&gt;Seminar. Examining design leadership as a specialized set of action logics and behaviors. Surveying established frameworks of leadership. Analyzing design thinking in terms of organizational leadership. Evaluating design thinking as a guiding principle to initiate change and to facilitate creative solutions within complex and ambiguous systems level challenges.&lt;/p&gt;</span>
		METHODS FOR DESIGN ANALYSIS	Methods for Design AnalysisMethods. Application and integration of theory, methods and skills for design analysis in the context of cross-disciplinary collaborative process for innovation. Identifying patterns and framing insights. Emphasis on defining problems in fuzzy situations. Surveying, performing and evaluating design analysis methodologies from multiple disciplinary perspectives. Techniques include challenge mapping and card sorting.
		METHODS FOR DESIGN EVALUATION	Methods for Design EvaluationMethods. Application and integration of theory, methods, and skills for design evaluation, optimization and implementation in the context of a cross-disciplinary collaborative process for innovation. Emphasizing techniques to support decision-making. Surveying, performing, and comparing design evaluation and implementation tools including user studies, criteria grids, paired comparison analysis and action planning.
		METHODS FOR DESIGN SYNTHESIS	Design Methods for Design SynthesisApplication and integration of theory, methods and skills for design synthesis in the context of a cross-disciplinary collaborative process for innovation. Emphasizing divergent thinking, active deferral of judgment and ideation. Surveying, performing and evaluation design synthesis methods for exploring and conceiving plans. Techniques include lateral thinking, brainstorming and synetics.
		PEOPLE-CENTERD DESIGN RESEARCH	Design Method: People-Centered Design ResearchMethods. Foundation in design research. Application and integration of theory, methods, and skills for initiating people-centered (and participatory) design research activities. Performing generative, evaluative, and experimental research to inform designing. Accounting for audiences and contexts including recognition of physical, cognitive, cultural, and social human factors that shape design responses.



SUST Spheres	3	<b>3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)</b>
--------------	---	--

Row Labels	Course Academic Group Code	Course Description	Course Description Value
	HERR	THESIS STUDIO I	Thesis Studio 1 <span style="font-size: 3em;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3em;">&lt;span&gt;&lt;span&gt;Studio. Introduction to the theory, methods and skills for developing and con??structing a research project plan. Focusing on techniques for the integration and application of concepts and theories into a concise project plan including a clear methodology and research design.&lt;/span&gt;&lt;/span&gt;&lt;/p&gt;&lt;span&gt;&lt;span&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/span&gt;&lt;/span&gt;&lt;/p&gt;</span> <span style="font-size: 3em;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span>
		THESIS WRITING 2	Thesis Writing 2 <span style="font-size: 3em;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3em;">&lt;span&gt;&lt;span&gt;Studio. Application and integration of theory, methods and skills for assessing project outcomes. Focusing on techniques for analysis of design activities and synthesis of research findings including project documentation and theoretical analysis of designed outcomes.&lt;/span&gt;&lt;/span&gt;&lt;/p&gt;</span> <span style="font-size: 3em;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span>
	LIBA	INTL HUMANITARIAN ASSISTANCE	History of International Humanitarian AssistanceThis course covers the history of international humanitarian assistance during the 19th and 20th centuries. Its focus is on the movements and activities that developed in wealthier countries (Europe and the U.S.) which attempted to help those   in other lands in need of assistance (e.g., food, shelter, medical care), as a result of a variety of causes, both natural and man-made, such as famine, flood, epidemics, earthquakes and volcanoes as well as wars and government oppression.   The responses took many forms, governmental and nongovernmental, in a world that underwent very dramatic changes during the nineteenth and twentieth centuries.
	PBHL	FUND OF PRODUCT STEWARDSHIP	Fundamentals of Product Stewardship<p>Introduction to regulatory, customer, and societal issues that affect consumer and intermediate products and how to incorporate solutions into business strategy using appropriate tools, concepts, and systems.?? Examines the product supply chain, from the sourcing of raw materials, manufacturing of materials into products, transportation, retail, and use, to their end-of-life.</p>
		INTRO TO PH SOC AND BEHV SCI	Social and Behavioral Science in Public Health<p>This course is designed to introduce students to the social and behavioral science principles that provide the foundation for health program planning and disease prevention with an emphasis on population-based public health approaches. Students will explore topics that promote a broader and better understanding of determinants of health; the multiple factors contributing to health and illness behaviors; and the fundamentals, theories and principles that shed light on health and illness behaviors. Students will be introduced to the important complementary and inter-related relationships between behavioral and social determinants of health.</p>
		PRODUCT IMPROVEMENT & SUSTAIN	Product Hazard, Exposure & Risk Assessment<p>Presents best practices in product design, focusing on materials selection, packaging and sustainability.?? Examines alternatives in the product development cycle where improvement opportunities exist to reduce potential impact on human and environmental health while providing comparable or superior efficacy, and competitive advantage to business.?? Explore sustainability concepts and their impact on product development and design.</p>
	SPEA	BENEFIT COST ANALYSIS	Benefit-Cost Analysis of Public and Environmental PoliciesP: V517 or consent of instructor. A course applying benefit-cost analysis to public and environmental policies. The first part of the course develops the foundation of benefit-cost analysis. The second part of the course consists of case studies applying benefit-cost analysis to actual policy decisions.
		ENRGY, POLICY & SUSTAINABILITY	Energy, Policy, and SustainabilityThis course is designed to investigate the origins of U.S. and Indiana energy policies, and apply the concept of sustainability to the analysis of past and current energy policies, as well as the development and adoption of future energy policy alternatives.
		PRIN OF URBAN & REGIONAL SCI	Principles of Urban and Regional ScienceDiscussion of the basic processes of change and development in regional systems, with emphasis on metropolitan regions. Includes economic, demographic, and environmental aspects of their interactions.
		SUSTAINABILITY ASSESSMENT	Sustainability AssessmentThere has been a proliferation of various metrics that measure the sustainability of products, services, buildings, and institutions.?? Three are developed: life cycle analysis (ISO14040), the USGBC's LEED certification, and the AASHE's STARS metric. Various uses of these metrics to design products, certify performances, and improve outcomes will be evaluated. ?
		URBAN SUSTAINABILITY	Urban SustainabilityThis course is an introduction to urban government and policy issues within the context of sustainability. Specifically, the course introduces social, fiscal, economic, physical, and political aspects of sustainable policy in urban areas.
	TECH	SUS PRACTICE IN EUROPEAN UNION	Sustainable Practices in Bussiness & Industry in the European UnionThis course examines and critically assesses sustainable practices in businesses, industries, and/or municipalities in Germany or France. Students will spend one week in Marseille, France or Mannheim, Germany visiting, touring, and analyzing businesses, industries or municipalities on their sustainable practices. In addition, to learning about the organization's sustainable practices, students will also learn about their specific country's culture and some language skills.
	LAW	LAW	ENVIRONMENTAL LAW
			Environmental Lawintroduces students to many of the major concepts and statutes in federal environmental law. Laws covered may include the Clean Air Act, the Clean Water Act, the Endangered Species Act, CERCLA/Superfund, and the Solid Waste Disposal Act/RCRA. Additional topics may include cost-benefit analysis, risk assessment, ecosystem services and valuing the environment, and statutory interpretation.

SUST Spheres	3	<b>3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)</b>
--------------	---	--

Row Labels	Course Academic Group Code	Course Description	Course Description Value
LAW	LAW	INTL ENVIRONMENTAL LAW	International Environmental Lawexamines how international law and legal institutions are responding to transboundary and global environmental challenges. Students review prominent issues such as climate change, water scarcity, deforestation, biodiversity loss, ozone depletion, mineral extraction, and marine resource threats, in the context of international development and transboundary trade. Students then analyze selected issues in depth, looking at the science and law of specific environmental challenges as well as the political, economic, and cultural context within which solutions must be formulated.
		SEM IN ENVIRON LAW & POLICY SUSTAINABLE DEV & NATRL RESRC WTO LAW	SEM IN ENVIRON LAW & POLICY SUSTAINABLE DEV & NATRL RESRC World Trade Organization (WTO) Law begins with analysis of why nations trade and the effects of free trade vs. protectionism, typical import and export rules and procedures, and various forms of trade barriers. The main focus is on establishment of GATT and WTO rules and their impact on modern trade in goods and services. The course finishes with an outlook on twenty-first century hot spots in international trade, such as intellectual property rights, environmental protection, human rights and labor standards, and the perspectives of developing countries.
UGRD	BUS	BUSINESS & SOCIETY	Business and SocietyP: I-Core; senior standing. Examines major ethical theories as a basis for analyzing ethical behavior in the business environment. Investigates such issues as economic competition, discriminatory practices, manipulation of power, environmental conservation, and organizational cultures.
	ENGR	SUSTAINABLE ENERGY	Sustainable EnergyThe objective of this course is to familiarize the students with various forms of available energy.?? The concept of these energies in terms of efficiency, raw material, safety, economy and environmental impact will be introduced.
	HERR	DESIGNING PEOPLE-CENTERED EXP DSGNING PEOPLE-CENTERD SERV II HIST OF VISUAL COMMUNICATION	DESIGNING PEOPLE-CENTERED EXP Designing People-Centered Services II A History of Visual Communication Design: 1800 to PresentP: ENG W131 or equivalent. Examining the cultural, social, political, economic comma and technological forces that shape visual communication design solutions. Focusing on the audiences and contexts to which designers must respond. A Western European and American perspective on the period from 1880 to the present.
		SERVICE EXPERIENCE DESIGN I VC 1: ELEMENTS & PRINCIPLES	Designing People-Centered Services I VC 1: ElementsP: Foundation Program. C: V211, V212. Studio course. Introductory skills development for visual communication majors. Exploring varied means of graphic representation utilizing formal elements and principles of visual communication design. Identifying, contrasting, and analyzing techniques for the invention of two-dimensional form with the purpose of communicating information, concepts, and emotions.
		VC 2: DESIGN METHODOLOGY	VC 2: Design MethodologyP: V210, V211, V212 and V214 C: V221 and V222. Studio course. Application and integration of knowledge and skills for visual communication majors. Defining communication problems; evaluating analytical, synthetic, intuitive approaches to problem solving; creating visual concepts to represent complex messages; and developing critical thinking. Integrating professional service for civic communication with reflection on personal values.
		VC 3: IDENTIFYING PROBLEMS	Identifying ProblemsP: V220, V221, V222. C: V311, V312. Studio course. Application and integration of knowledge and skills for visual communication majors. Methods of managing complex communication design needs of institutions. Directing inquiries in unstructured situations with undefined problems. Managing expressions and impressions. Integrating professional service for civic communication with reflection on personal values.
		VC 4: FACILITATING SOLUTIONS	VC 4: Facilitating SolutionsP: V310. Studio course. Application and integration of knowledge and skills for visual communication majors. Methods to facilitate solutions to unframed community issues. Exploring social roles of designers as researchers, reporters, and editors in collaborative teams. Integrating professional service for civic communication with reflection on personal values.
		VCD 5: METHODS FOR INNOVATION	VC 5: Designing for InnovationP: V320 or permission of instructor. Studio course with cross-disciplinary team collaboration. Application, integration, and synthesis of knowledge and skills for visual communication majors and subject matter experts. Advanced methods for designing for innovation. Discovering and shaping opportunities for socially relevant innovations. Integrating professional service for civic communication with reflection on personal values.
	LIBA	CONSUMPTION ETHICS & GOOD LIFE	The Ethics of ConsumptionWhat is good consumption? Do consumers have moral duties? Combining the ethical perspectives of religion and philosophy with the empirical realities of economics and public policy, this course examines the social and environmental costs of consumption while valuing individual tastes and economic incentives. Course fulfills junior-senior integrator requirement.
		GEOGRAPHY OF INDIANA	Geography of IndianaA geographical analysis of the state of Indiana. Emphasis placed on the interrelationship of the state's physical and human geography.
		GEOGRAPHY OF LATIN AMERICA	Geography of Latin AmericaNational and regional variations in terrain, climate, natural resources, and economic and social life in Mexico, Central America, the West Indies, and South America.
		GEOGRAPHY OF NORTH AMERICA	Geography of North AmericaContinental and regional variations in terrain, climate, and economic and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.
		GREENHOUSE EFF & GLBL WARMING	The Greenhouse Effect and Global WarmingIntroduction to the greenhouse effect and global carbon cycle. Attention will be directed to how, when, and where humans have altered this cycle and the implications for future climates. Methods for monitoring climate change will be studied and areas of greatest uncertainty identified. Particular attention will be directed to the spatial pattern of projected effects produced by global climate models.

SUST Spheres	3	<b>3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)</b>
--------------	---	--

Row Labels	Course Academic Group Code	Course Description	Course Description Value
	LIBA	HISTORICAL ARCHAEOLOGY	Historical ArchaeologyWe will examine the ways in which historical archaeologists investigate Colonial and American cultures and lifeways in various regions of North America throughout time. Special attention will be given to understanding the long and complex history of Native American/European interactions. North American social systems, interaction with and exploitation of the environment, technologies, and material culture. The theory and methods used by historical archaeologists will also be emphasized.
		HUMAN IMPACT ON ENVIRONMENT	Human Impact on EnvironmentA systematic examination of how people have altered patterns of climate, hydrology, land forms, soils, and biota. Course emphasizes that understanding human impacts requires knowledge of both the sociocultural forces that drive human activity and the natural processes that determine environmental patterns.
		INTL HUMANITARIAN ASSISTANCE	History of International Humanitarian AssistanceThis course covers the history of international humanitarian assistance during the 19th and 20th centuries. Its focus is on the movements and activities that developed in wealthier countries (Europe and the U.S.) which attempted to help those in other lands in need of assistance (e.g., food, shelter, medical care), as a result of a variety of causes, both natural and man-made, such as famine, flood, epidemics, earthquakes and volcanoes as well as wars and government oppression. The responses took many forms, governmental and nongovernmental, in a world that underwent very dramatic changes during the nineteenth and twentieth centuries.??PUL=5, 2, 3
		INTR:AFR AMER&AFRI DIASP STUDY	Introduction to African American and African Diaspora StudiesIntroduction to the theory, method, and content of African American and African Diaspora Studies. Examines the social, political, cultural, and economic experiences of people comprising the African Diaspora. Utilizes an interdisciplinary approach and conceptual, theoretical, and analytical frameworks to illustrate the interconnectedness of black peoples experiences and the importance of studying AAADS as a field of scholarly inquiry.
		OVST IN GERMANY-GO GREEN SURVEY OF APPLIED ANTHROPOLOGY	OVST IN GERMANY-GO GREEN Survey of Applied AnthropologyP: A104 or A304, and A103 or A303, or permission? of instructor. A survey of such issues in applied anthro-pology as cultural resource management, community development, cross-cultural communication, Third World development, museum studies, archaeological ethics, and the impact of human diversity on health care, education, and social programs.
		SURVEY OF ECONOMIC ISS & PROB	Survey of Current Economic Issues and ProblemsFor nonmajors only. Basic economic principles applied to current social issues and problems. Topics covered will typically include inflation, unemployment, wage and price controls, welfare, social security, national debt, health programs, food prices, pollution, crime, mass transit, revenue sharing, multinationals, population, and energy. Not open to those with previous college-level economics courses.
		WEATHER AND CLIMATE	Weather and ClimateSystematic study of atmospheric processes and interrelationships, with a focus on understanding the physical basis of weather and climate. Emphasis on components of radiation and energy balances, atmospheric circulation, global weather systems, human effects on climate, and climate change.
		WORLD GEOGRAPHY	World GeographyAn analysis of the existing and emerging geographic patterns in the world and of the processes and trends producing such patterns. An examination of the global scale of human activities and interaction with the environment and the linkages tying the various regions of the world into a single, global system.
	NURS	HEALTH POPULATIONS PRACTICUM	Promoting Healthy Populations PracticumStudents assess individuals, families, and communities providing needed education, preventative services, and support. Students provide individual and population based care in community based settings, giving consideration to the perspective of those being served.
		PROMOTING HEALTHY POPULATIONS	PROMOTING HEALTHY POPULATIONS Promoting Healthy PopulationsThis course focuses on preventative health care and health promotion in individuals, families, and communities, considering the influence of culture and lifespan development. Using biophysical, environmental, spiritual, sociocultural and economic determinants of health, students focus on improving health outcomes with individuals, families, and communities.??
	PBHL	CONTEMPORARY HEALTH ISSUES	Contemporary Health IssuesAn examination of current public health, environmental health, and health service delivery issues in the U.S. Topics include the organization and costs of health systems, access to care, and the interrelationships between risk factors and health; also, environmental challenges facing our society and their impact on health.
		ENGY CLIM CHG RESIL & HLTH	Energy, Climate Change, Resilience, and Health<p>Climate change is a contentious, complex and important topic. In this course, we will address the whole complexity of climate change, explore its connection to energy consumption and discuss its impacts on human health and welfare and the possible remediation to together navigate a sustainable path of going forward both as a society and an individual.??</p>
		FOOD WATER SAFTY SCAR SECURITY	Food and Water: Safety, Scarcity, Security<p>An exploration of food and water use, sanitation and safety, and its availability. ??We will examine the impact of human activity, including the demands of population growth, industrial development, and advancement in technology on food, water, and human health.</p>
		POLICY & MGMT FOR POPUL HLTH	Policy and Management in Population Health<span>This course will examine the concepts of health policy and management and its impact on social behavioral and environmental public health sciences. ??Content covered will include fundamental characteristics and organizational structure of the public health system. ??Basic concepts of legal, ethical, economic and regulatory dimensions of health care, public health policy and the roles, and responsibilities of different agencies and branches of government will be addressed. ??Strategies to advocate for policies and provide public education will also be introduced.</span>

SUST Spheres	3	<b>3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)</b>
--------------	---	--

Row Labels	Course Academic Group Code	Course Description	Course Description Value
	PBHL	SOCIAL DETERMINANTS OF HEALTH	A Public Health Journey through the Social Determinants of Health This course is designed to introduce students to an ecological perspective of health, going beyond biology and individual factors to investigate the influence on health of the social systems in which individuals live, work, and play. The factors we will explore in this course, often referred to as the social determinants of health include education, income, housing, employment, neighborhood environments, discrimination, social and community networks, culture, healthcare, and others. We will review evidence supporting the biological mechanisms by which social influences have physiologic consequences expressed as disease. We will explore the complex interplay of factors that shape health throughout life. Students will gain an understanding of the cumulative effect of social advantage or disadvantage on health over one's lifetime, and how these social systems contribute to well-established patterns of health inequities. The ethical concept of social justice and its relationship to health inequities will be integrated in the course.
	PED	SPORTS TOURISM DEVELOPMENT	Sports Tourism Development<p>Examines the relationship between sport and tourism phenomena with regard to community and business growth.?? Paradigms of experience, historical development, globalization, mobility, sustainability, culture, identity, current practices in sport tourism marketing and operations are core components of this course.</p>
		TOURISM POLICY&SUSTAINABILITY	Tourism Policy and Sustainability<p>Examines the relationships among tourism, sustainability and development.?? Focuses on the development of tourism policy at local, state, national and international levels.?? Discusses theories of development as economic, environmental and socio-cultural concepts.</p>
	SPEA	ENVIRONMENTAL JUSTICE	Environmental JusticeThe study of disparate impact of environmental policies and practices on various population groups, both within the United States and internationally. This course includes studying the role of power, class, race and politics in the development and enforcement of environmental regulations.
		NAT RES & ENVIRONMENTAL POLICY	Natural Resources and Environmental PolicyThis course develops the role of the public sector to develop environmental policy at the national, subnational, and international level. The political, environmental, and economic aspects of pollution and pollution control will be assessed.
		PRINCIPLES OF SUSTAINABILITY	Principles of SustainabilityMeeting the needs of the present without jeopardizing the future involves an interrelationship between environmental, social, and economic systems. This course introduces and investigates the interrelationships between these approaches to synthesize a basic understanding that can lead to sustainable policies in the public, nonprofit and for-profit sectors.
		SUSTAINABLE COMMUNITY DEVELOP	Sustainable Community DevelopmentThis course examines the challenges of achieving sustainable community development and explores how community planning, zoning, regulation, legislation, economic policy, transportation strategy, energy policy, and stakeholder engagement can work together to minimize long-term costs and maximize long-term benefits to a community's ecosystem, economy, culture, and public health.
		SUSTAINABLE MANAGEMENT	Sustainable ManagementThis course examines the role of management in public and nonprofit organizations. Special attention is given to the application of the principles of sustainability to management, methods for public and interest group participation, communication and conflict resolution, and evidence-based management designed to track organizational progress.
		SUSTAINABLE POLICY	Sustainable PolicyThis course investigates the difficulties of incorporating long-term environmental, social, and economic concerns into policy proposals. The principles of sustainability are applied to policy considerations and existing policies are analyzed for their long-term impact.
		URBAN STRUCTURE AND POLICY	Urban Structure and PolicyAn introduction to urban government and policy issues. Topics include urban government structure and policy making, the economic foundations and development of cities, demography of cities and suburbs, land-use planning, and other selected urban policy problems. Credit not given for both SPEA-V 161 and SPEA-V 264.
	SWT TECH	INTRO LEAN & SUSTAINABLE SYS EMERGING GREEN TECHNOLOGY	INTRO LEAN & SUSTAINABLE SYS Emerging Green TechnologiesThis course will allow for examination of the very latest emergent green technologies in renewable energy, green buildings, and sustainable design, as well as, other green technology emerging in the marketplace or in development stages.?? Students will be immersed in the study of technology that is on the 'bleeding edge' of technological development worldwide.
		GO GREEN GREEN BUILDING INFO MODELING	Go Green Green Building Information ModelingThis course examines the BIM or Building Information Modeling approach to the design and construction of buildings.?? Topics include, but are not limited to: parametric modeling, interoperability, clash detection and BIM implications for architects, engineers, interior designers, managers and contractors.?? An emphasis will be placed upon interpreting, designing, and assessing how sustainable technologies (e.g., energy efficiency) can be assessed using BIM tools and modeling techniques.
		INTRO TO GREEN BUILDING TECH	Introduction to Green Building TechnologyThis course examines, discusses and analyzes buildings.?? In particular, it delves into an introduction into green building science and technology.?? Building systems and assemblies (both residential and commercial) will be discussed and will include topics such as the principles of: thermal efficiency and comfort, climate, shading, site design, daylighting, efficient building envelopes and mechanical equipment.?? An emphasis will be placed upon interpreting, designing, assessing and applying green solutions and details for building construction purposes.

SUST Spheres	3	3 = Sustainability Courses (incl economic/social/environmental aspects of SUST)
--------------	---	---

Row Labels	Course Academic Group Code	Course Description	Course Description Value
	TECH	INTRO TO SUSTAIN PRINC & PRAC	Introduction to Sustainable Principles and PracticesThis course will introduce students to sustainability and its principles. The course focuses on how and why sustainability became important in the world. The course covers: principles of sustainability; history of sustainability; historical economic aspects of sustainability; the definitions of sustainability and sustainable development. The course also introduces students to the applications of the principles of sustainability to design, building, energy, and commerce. The course presents examples of successful international community sustainable development projects.
		LEAD & ECON ASPECTS OF SUSTAIN	Leadership and Economic Aspects of Sustainable TechnologiesClass 3. This course will examine what it takes to be an environmental leader. It will look at the standards, implicit or explicit, that you must meet to be green. How you communicate what your sustainable technologies business is doing right and what it is doing wrong. How your sustainable technology company can be heard amid the 'green noise' in the market place and what are the new opportunities emerging for companies in the green economy.
		RENEWABLE ENERGY SYSTEMS	Renewable Energy SystemsCourse provides the students with an introduction to renewable energy sources.?? Topics include photovoltaic, solar thermal systems, fuel-cells, hydrogen, wind power, waste heat, bio-fuels, wave/tidal power, geothermal power and hydroelectric.?? Analysis of technical, economic, environment, politics, and social policy are integral components of the course.
		SUSTAINABLE DESIGN-ENG & TECH	Sustainable Design in Engineering and Technology
<b>Grand Total</b>			

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
DENT	DENT	INTRO PROFESSION DENTISTRY	Critical Thinking and Professional Behavior: An IntroductionThis course is designed to help students think critically about the nature of health care professions and the bioethical and psychosocial dimensions of the doctor-patient relationship. Problem-based, small group learning provides the fundamental means by which students learn to analyze health care problems from population, behavioral, biomedical, and ethical perspectives.
GRAD	BUS	BUSINESS OF LIFE SCI I: TRENDS	Business of Life Sciences IThis course introduces students to all the parts of the industry including the players and their challenges in basic science, medical devices, pharmaceuticals, generics, biotech, distributors, health care providers, insurers, venture capitalists, etc. The business of life sciences is made more successful when those involved in the industry recognize and understand value added at each stage. The value chain begins with the sciences and ends with a health solution for a patient. In between are many stages involving several business sectors engaged in manufacturing and services. A Kelley student interested in a life science career will benefit from a deeper understanding of how the whole value chain works. Includes guest speakers who are specialists in various aspects of this diverse set of industry sectors, who know from experience the relationships and challenges. While this course looks at the big picture, a course project will give each student a chance to focus on at least one part of the value chain. The course grade will be based on attendance, class participation, and a business project.
		BUSINESS OF LIFE SCI: VALUE CH	Business of Life Sciences IIThis course introduces students to all the parts of the industry including the players and their challenges in basic science, medical devices, pharmaceuticals, generics, biotech, distributors, health care providers, insurers, venture capitalists, etc. The business of life sciences is made more successful when those involved in the industry recognize and understand value added at each stage. The value chain begins with the sciences and ends with a health solution for a patient. In between are many stages involving several business sectors engaged in manufacturing and services. A Kelley student interested in a life science career will benefit from a deeper understanding of how the whole value chain works. Includes guest speakers who are specialists in various aspects of this diverse set of industry sectors, who know from experience the relationships and challenges. While this course looks at the big picture, a course project will give each student a chance to focus on at least one part of the value chain. The course grade will be based on attendance, class participation, and a business project.
		LAW AND ETHICS IN BUSINESS	Law and Ethics in BusinessThe objective is to provide the student of management with that knowledge of the American legal system--its processes and the substantive law itself--which is necessary to the making of informed and effective business decisions. Because the law develops and evolves in response to changing social, economic, political, and technological forces, and because business decisions often carry long-lasting as well as delayed effects, this course will emphasize the study of legal change. It is hoped that consideration of past legal developments will give prospective managers sufficient insight into the dynamics of this process to enable them to predict as soundly as possible the future legal environment in which their present decisions will bear fruit. For MBA students enrolled in Summer Module IS.
		LDRSHIP & ETHICS BUS ENVIRONMT	Leadership and Ethics in the Business EnvironmentModern businesses operate in an increasingly interdependent and dynamic environment. The modern, large firm is the major institution in most contemporary industrialized societies. Many actions of firms have major impacts on society as a whole, as well as on specific stakeholders. Corporate actions are increasingly subject to media, public and government scrutiny. The nature of the constantly changing relationship between business and its major constituencies is the focus of the course. The ethical, political, economic, social, and technological considerations of various managerial decisions are investigated. The role of ethical leadership and how it relates to corporate purpose and responsibility will be a major theme of this course. For MBA students enrolled in Module 2B.
	EDUC	ENVIRONMENT THRY & ASSESSMENT	Environmental Theory and Assessment in Higher EducationSelected environmental theories are examined (e.g., human aggregate, physical/architectural, campus ecology, cultural, perceptual). Various environmental assessment approaches for use in postsecondary settings are reviewed. Strategies for humanizing campus environments are examined, with a particular emphasis on members of historically underrepresented groups.
		HUMAN DIVERSITY IN EDUCATION	Human Diversity in EducationExplores issues related to teaching in a complex and diverse culture. Through this class students will become familiar with a range of diversity issues that teachers confront in our society, including cognitive abilities, learning styles, and cultural, racial, and economic backgrounds of children.
		INTRO TO EDUCATIONAL LDRSHP	Introduction to Educational LeadershipThis course entails an introduction to the history, philosophy, and social aspects of educational leadership. It reviews relevant theories of administration; the historical role of administration in schools; and the political, social, economic, and philosophical frameworks that have informed administrations.
		PROSEMINAR IN HIGHER EDUCATION	Pro Seminar in Higher EducationThis course id designed to introduce you to and provide you with the opportunity to reflect upon higher education as: the location of your educational experiences; the environment in which you participate in professional practice; an organizational entity; the subject of scholarly research; and an economic, social, cultural, and political institution within American society.
	ENGR	COMPUT MODEL OF TURBULENCE	Fundamentals of Turbulence and ModelingClass 3. This course consists of three parts: (i) fundamentals of turbulence including turbulence concepts, statistical description, and Kolmogorov hypothesis. (ii) major modeling concepts and formulations such as direct numerical simulations (DNS), large eddy numerical simulation (LES), and Reynolds averaged Navier-stokes simulation (RANS). Team projects related to turbulence modeling and computation with applications in environment, industry, biomechanics for visualizing and experiencing turbulence.
	HERR	ART OF THE PAST TWO DECADES	Art of the Past Two DecadesA graduate seminar focusing on reading, discussion, research, and writing about themes, media, issues, and trends of visual art over the past 20 years. Students use an interdisciplinary and global lens to examine current practices and intellectual and social contexts for the creation and reception of new art.
		ART THERAPY ADV INTERNSHIP	Art Therapy Advanced Internship and Group SupervisionThis course requires a minimum of 450 hours of supervised experience in an internship, to gain working experience in the professional practice of art therapy. Students will practice and enhance their basic counseling skills, art therapy skills, and ability to complete paperwork. This is a hands-on experience in which students make the transition to working professional. There is an expectation in this course that students will be taking on an increasing amount of responsibility for the care of clients under the guidance of the site supervisor. Students are required to provide appropriate documentation of their performance and attendance in all scheduled activities.

SUST Spheres	2	<b>2 = Courses that Include Sustainability (based on @ least 2 SUST areas)</b>
--------------	---	--

Row Labels	Course Academic Group	Course Description	Course Description Value
GRAD	HERR	ART THERAPY INTERNSHIP I	Art Therapy Internship I and Group Supervision <span style="font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;Combined with T621 Art Therapy Internship II, this course requires a minimum of 450 hours of supervised experience in an internship, to gain working experience in the professional practice of art therapy and counseling. Students will practice and enhance their basic counseling skills, art therapy skills, and ability to complete paperwork. This is a hands-on experience in which students make the transition to working professional. Students are required to provide appropriate documentation of their performance and attendance in all scheduled activities&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		ART THERAPY INTERNSHIP II	Art Therapy Internship II and Group Supervision <span style="font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;Combined with T620 Art Therapy Internship I, this course requires a minimum of 450 hours of supervised experience in an internship, to gain working experience in the professional practice of art therapy and counseling. Students will practice and enhance their basic counseling skills, art therapy skills, and ability to complete paperwork. This is a hands-on experience in which students make the transition to working professional. Students are required to provide appropriate documentation of their performance and attendance in all scheduled activities.&lt;/p&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		ART THERAPY WITH ADULTS	Art Therapy with Families and Adults <span style="font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;This course will explore the complicated and dynamic issues involved with adult treatment and in family groups. There will be a brief look into families as a cultural institution as well as cultural differences. The course will explore of the many issues that arise in families and the best practices in art therapy that can be used to help. Students will also delve into the ways parents and children interact including discipline, care giving, behavioral problems, illness, communication, expectations, differentiation, and developmental transitions.&lt;/p&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		ASSESSMENT&EVAL IN ART THERAPY	Assessment & Evaluation in Art TherapyThis course features lectures, group discussions, readings, a research paper, and examinations that serve as an in-depth introduction to the processes of assessment and evaluation relevant to the professional practice of art therapy. The course focus includes a study of art therapy assessment, psychopathology, general principles of etiology, diagnosis, treatment, and prevention of mental and emotional disorders and dysfunctional behavior, and general principles, and practices of the promotion of optimal mental health.
		CAPSTONE I	Professional Issues Capstone <span style="font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;In combination with T631 Professional Issues Capstone II, This course features lectures, group discussions, readings,a research paper or project, and examinations that provide the graduate student an in-depth knowledge of the professional practice of art therapy and counseling. The course focus includes standards of practice in art therapy, professional preparation for credentialing, an examination of the function and methodology of research in art therapy, an understanding of the roles of mental health &lt;span face='Cambria' size='3' style='font-family: Cambria; font-size: medium;'&gt;&lt;/span&gt;counseling in context of the larger field of mental health services, ways in which a network of services is utilized to help clients and the differences in inpatient, outpatient, individual and group practice settings. Exploration on how to move forward into a practice as a professional will also be discussed. A research thesis or culminating project will be required.&lt;/p&gt;</span>
		CAPSTONE II	Professional Issues Capstone II <span style="font-size: 3pt;">&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;&lt;strong&gt;??&lt;/strong&gt;&lt;/p&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;&lt;strong&gt;??&lt;/strong&gt;In combination with T630 Professional Issues Capstone I, This course features lectures, group discussions, readings,a research paper or project, and examinations thatprovide the graduate student an in-depth knowledge of the professional practice of art therapy and counseling. The course focus includes standards of practice in art therapy, professional preparation for credentialing, an examination of the function and methodology of research in art therapy, an understanding of the roles of mental health &lt;span face='Cambria' size='3' style='font-family: Cambria; font-size: medium;'&gt;&lt;/span&gt;counseling in context of the larger field of mental health services, ways in which a network of services is utilized to help clients and the differences in inpatient, outpatient, individual and group practice settings. Exploration on how to move forward into a practice as a professional will also be discussed. A research thesis or culminating project will be required&lt;/p&gt;</span> <span style="font-size: 3pt;">&lt;p&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;'&gt;&lt;/span&gt;&lt;/p&gt;</span>
		CAREER COUNS FOR ART THERAPSTS	CAREER COUNSELING FOR ART THERAPISTSThis course is designed to introduce students to career counseling theories as they apply to the field of art therapy, processes and applied techniques.?? Current assessment and counseling methods will be examined in a context related to art therapy philosophy, along with the ways in which developmental, ethnic, and cultural factors influence the processes and outcomes of career counseling as applied to the practice of art therapy.?? Special attention will be paid to 'right-brained' strategies for breaking through resistance to and increasing client investment in career counseling.
		CLTRL & SOC DV IN ART THERAPY	Cultural & Social Diversity in Counseling and Art TherapyThis course features lectures, group discussions, readings, a journal, examinations, and a final reflection paper and art project that serve as an in-depth introduction to cultural and social diversity, and to gain understanding of the historical, theoretical, and practical issues surrounding the professional practice of counseling and art therapy with individuals with diverse backgrounds and cultural perspectives.
		COUNSELING THEORY AND PRACTICE	Counseling Theory and Practice for Art TherapistsThis is an introductory course on counseling and psychological theory and practice involving the history of mental health care services, the role of professional counselors, the basic skills of counseling and psychotherapy (basic interviewing, assessment and counseling skills), different theoretical perspectives on counseling and psychotherapy, treatment plans, ways of engaging the client, and an overview of the professional code of ethics for the American Counseling Association, American Psychological Association, and American Art Therapy Association. The class will require personal reflection by the students on their views of counseling, themselves and the role of theory in practice. Student will also engage in role playing to practice.
		ETH & LEGAL ISS IN ART THERAPY	Ethics & Legal Issues in Art TherapyThis course features lectures, group discussions, readings, a research paper, and examinations that provide the graduate student an in-depth knowledge of ethical and legal issues relevant to the professional practice of art therapy. The course focus includes knowledge of historical development of ethical standards, and an understanding of the application of legal principles in today??s professional practice.

SUST Spheres	2	<b>2 = Courses that Include Sustainability (based on @ least 2 SUST areas)</b>
--------------	---	--

Row Labels	Course Academic Group	Course Description	Course Description Value
	HERR	HIST, THRY,&PRAC OF ART THER	History Theory and Practice of Art TherapyThis course will explore how foundations of psychotherapy are applied within the context of art therapy principles and practices with clients. The Course on the history, theory and practice of art therapy. Course includes role playing and practice in art therapy, the development of art therapy as a therapeutic practice, and an overview of relevant psychotherapeutic theories.
		LIFESPAN DEVL P ART THERAPY	LIFESPAN DEVELOPMENT FROM AN ART THERAPY PERSPECTIVEStudents will examine the biological, psychological, and social development of humans through the lens of art therapy, incorporating how artistic and creative development unfolds across the lifespan.?? Students will be introduced to theories of human development from birth to death and will examine their relevance to the practice of art therapy.?? Class discussions will include case studies, experiential exercises, and art making.?? Human development readings designed for helping professionals will be interwoven with content that is specific to the field of art therapy.?? Students will participate in written and arts-based exercises to enhance understanding of course content.
		SPECIALIZED POPULATIONS	Advanced Art Therapy Practice--Specialized Populations<span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;';></span> <p>Designed as a progressive course to meet twenty-first century healthcare trends, this specialized training course will address three clinical populations in five (5) classes per unit: Trauma, Addictions and Substance Abuse and Aging Adults. Each unit will follow a similar outline of learning tailored to the clinical population. Special needs and medical populations will also be integrated into the learning experience. This will include a brief history of counseling and psychotherapy theory and treatment implications for each population and how art therapists tailor interventions to meet the specialized needs within the general framework of art therapy theory. Didactic instruction will include when and how to refer clients and families to support services, professional boundaries, issues of transference and countertransference, treatment planning and the development of goals. <span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;';></span></p>
		STUDIO ART FOR ART THERAPISTS	Studio Art for Art Therapists<span face='Times New Roman' size='3' style='font-family: Times New Roman; font-size: medium;';></span> <p><strong>??</strong><span>The purpose of this class is to demonstrate experimentation and development of knowledge of different art media. Students will be expected to demonstrate an increased awareness of the psychological and emotional aspects of their own creative process and discuss how facility with a range of art media may be conceptualized when working with different demographic populations.</span></p>
		STUDIO I: PHOTO AND INTERMEDIA	Studio I: Photography and IntermediaIn Studio Emphasis 1: Photography and Intermedia, students will develop their conceptual, historical, and critical knowledge to form the basis for their personal studio research. Students will begin to build their own community through this class via group workshops, critiques, and seminars. Students will investigate and extend the framework of photography and intermedia. Intermedia incorporates theory and practice through integration of new technologies with non-static, time-based, sound, digital technologies, installation, through collaboration with areas of sculpture, ceramics, printmaking, painting, furniture and visual communications. In this program students will begin to examine and integrate connections between creative practice, cultural, scientific, critical and historical discourses as they relate and pertain to other artists, academic departments and community organizations. Throughout this process students will be exposed to a wide array of theoretical and reflective practices. Over the course of the semester the student will develop a graduate-level work ethic and lay the groundwork for intense, research-driven studio practice. Rationale: In the first semester of graduate study the student should establish a highly individual and concentrated studio practice based on adaptability, experimentation, and research. This course is designed to foster individual interests while demanding a high level of intellectual and critical development. Once an intense and flexible graduate practice is developed, the student will be better prepared to face the challenges inherent in the career of a professional artist.
		STUDIO II: PHOTO & INTERMEDIA	Studio II: Photography & IntermediaThis class will focus on the reasons, methods, and resources for artistic engagement that liberates art from the studio and gallery. Studio Emphasis II: Photography and Intermedia continues the studio practice and seminar conversations begun in the first semester's Studio Emphasis I: Photography and Intermedia. Intermedia incorporates theory and practice through integration of new technologies with non-static, time-based, sound, digital technologies, installation, through collaboration with areas of sculpture, ceramics, printmaking, painting, furniture and visual communications. In this course students will continue to examine and integrate connections between creative practice, cultural, scientific, critical and historical discourses as they relate and pertain to other artists, academic departments and community organizations. Professional practices, such as, writing proposals, creation of curriculum vitae, and development grants will be discussed. Rationale: Removing the art making and exhibition process from the traditional studio and gallery setting is a large part of today's contemporary art world. While studio and gallery settings are still perfectly valid, we want to encourage students to take steps to engage outside these arenas. This course continues the individual research begun in K510 while extending the reach into alterative venues and modes of working. Developing skills necessary to be a professional artist is integral to the course.
		STUDIO III: PHOTO & INTERMEDIA	Studio III: Photography & IntermediaThis course is designed to build on the experiences and experiments of the previous two semesters, and to allow the student an opportunity to further develop an individual and effective body of work. Students should have developed an original and intensive practice allowing for constant change and exploration, while also providing a useful framework within which to create intermedia art. Over the course of the semester the student will be working independently to develop a professional portfolio of work. Rationale: In order to complete the photography and intermedia program the student must achieve a high level of independence and self-motivation. The body of work created at this level should evidence awareness of contemporary theory as well as a highly individual set of interests, conceptual and formal concerns.
		URBAN ART CONTEXT	Urban Art ContextP: HER R529 or consent of instructor. Introduction to the challenges, concepts, and techniques for public art and art projects designed for civic engagement.
	INFO	BIOMEDICAL ANALYTICS	Biomedical AnalyticsCourse introduces the use of patient data, genomic databases, and electronic health records (EHR) to improve patient care and to achieve greater efficiencies in public and private healthcare systems. The course explores clinical intelligence and the role of analytics in supporting a data-driven learning healthcare system. Topics include the value-driven healthcare system, measuring health system performance, existing quality/performance measurement frameworks (NQF, HEDIS), comparing healthcare delivery, attributes of high performing healthcare systems, and the IT infrastructure and human capital needed to leverage analytics for??health improvement.
		BUSINESS OF HEALTH INFORMATICS	Business of Health InformaticsThis class focuses on the economic importance of healthcare information technology adoption for value realization, as a strategic asset, as an investment, and transformation toward integrated decision making. Topics covered include but are not limited to implementation of Decision Support System, barcode tracking, Electronic Health Records, pay-for-performance incentives for e-prescribing.



SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	INFO	CLINICAL INFORMATION SYSTEMS	Clinical Information SystemsClinical Information Systems includes: human computer interface and systems design; healthcare decision support and clinical guidelines; system selection; organizational issues in system integration; project management for information technology change; system evaluation; regulatory policies; impact of the Internet; economic impacts of e-health; distributed healthcare information technologies and future trends.
		HISTORY OF LIBRARIES	History of LibrariesDevelopment of libraries and information service from earliest times to the present, with emphasis on the library in relation to social, economic, cultural, and political trends.
		PERSPECTIVES INFO PROFESSIONS	Perspectives on LibrarianshipOverview of the library as a social institution-historically, currently, and for the future-within social, economic, political, and cultural contexts. Focuses on the institution, the collections and formats, and the users to create an understanding of the role and importance of libraries. SLIS-S 550 provides excellent opportunities to help students explore the library profession.
		PRINCIPLES OF MULTIMEDIA TECH	Principles of Multimedia TechnologyThis course examines issues related to digital media communication in the context of e-commerce and the information industry, especially its impact on the cultural, economic, social, and ethical dimensions of local and global communities.? Topics also include: usability, intellectual property, and a diversity of user markets for new media products.
		SOCIAL SCIENCE INFORMATION	Social Sciences InformationStudy of the core information tools in the fields of anthropology, economics, history, political science, psychology, and sociology. Includes key bibliographic databases and electronic network tools. Evaluation of research dealing with information channels in these fields.
	LIBA	ADV REMTE SENSNG:DIG IMAGE PRO	Advanced Remote Sensing: Digital Image ProcessingP: G535 or consent of instructor. Advanced remote sensing theory and digital image processing techniques with an emphasis on environmental applications. Hands-on computer exercises provide significant experience in introductory digital image processing for extraction of qualitative and quantitative information about the Earth's terrestrial environments. Lecture and laboratory.
		ADVANCED SOCIOLOGICAL THEORY I	Advanced Sociological Theory IP: graduate standing or consent of instructor. This is the first part of a two-semester graduate course in contemporary sociological theory and theory construction. The first semester will involve the student in detailed study and analysis of sociologists belonging to the positivist tradition in sociology. Students will be expected to comprehend contemporary sociology in terms of its historical roots and to demonstrate their understanding of theory construction.
		AMERICAN STUDIES IN PRACTICE	American Studies in Practice<span>T<span>he courses examines case studies in three different contexts local (Indianapolis), national (Detroit), and international (Copenhagen) to illustrate different types of urban development. Students will combine American Studies theories with the practical methods derived from case studies to distinguish characteristics and conditions dependent on geographic and cultural differences.</span></span>
		CLINICAL ETHICS PRACTICUM	Clinical Ethics PracticumThis course provides learning experiences in a clinical setting, enabling students fully to appreciate ethical issues that face health care professionals. The course is administered through the Fairbanks Center for Medical Ethics at Clarian Health Partners.
		CLINICAL PRACTICUM	Clinical Practicum in Medical Humanities<p>The Clinical Practicum will allow students the opportunity to not only gain a better understanding of clinical medicine, but also develop a better understanding of how the humanities can inform and enrich the practice of medicine in particular and healthcare in general. The clinical experience is individualized based on the students' interests. Students will be provided a list of clinical opportunities from which they may design their practicum experience with guidance from the director, Emily Beckman.</p>
		ENGLISH LANG SOCIOLINGUISTICS	English Language SociolinguisticsThis course investigates sociocultural aspects of language use and explores the relationships between language and society. The course provides background in various theoretical and methodological approaches to sociolinguistics. Other topics to be covered include gender and language, ethnicity and language, social factors in language acquisition, and bilingualism. Familiarity with basic issues and concepts in linguistics would be useful.
		ETH & VALUES OF PHILANTHROPY	The Ethics and Values of PhilanthropyAn inquiry into the ethics and values of philanthropy rooted in a general understanding of philanthropy, as voluntary action for the public good, as an ethical ideal. A consideration of philanthropic activity in light of this ideal.
		FOUNDATIONS OF BIOETHICS	Foundations of BioethicsA rigorous examination of bioethical theory and practice. Stress is placed on moral and conceptual issues embedded in biomedical research, clinical practice, and social policy relating to the organization and delivery of health care.
		GIS & ENVIRON ANALYSIS	Seminar in Geographic Information ScienceP: G535, G538, and G536 or G539. Applications of geographic information science principles in the collection and analysis of spatial data. Integration of GIS, remote sensing, and/or GPS technologies. Review of current literature on techniques, theory, technology, and applications with an emphasis on environmental issues. Discussions, laboratory, and research project.
		GRAD INTERNSHIP IN SOCIOLOGY	Graduate Internship in SociologyP: graduate standing, 18 hours of graduate credit in sociology, and consent of instructor. This course involves master's degree students working in organizations where they apply or gain practical insight into sociological concepts, theories, knowledge, and methodology. Students analyze their experiences through work logs, a lengthy written report and regular meetings with a faculty committee. (Students on the thesis track may also take this course as an elective.)
		GRAD RDGS/RESEARCH-WOMEN'S STD	Graduate Readings and Research in Women's StudiesAn opportunity for graduate students in various programs at IUPUI to explore specific issues within the field of women's studies, guided by faculty with particular expertise in these areas. The course is used to do readings and research that go beyond what is covered in other women's studies graduate courses offered on this campus. It also involves faculty not normally involved in the teaching of these other courses but who have skills and knowledge relevant to the issues being investigated.
		GRAD RDNGS IN MED HUMANITIES	Graduate Readings in Medical Humanities<p>Focused readings on selected topics in medical humanities by arrangement with the instructor. Permission of the Program Director required.</p>
		GRAD TOPICS MEDICAL HUMANITIES	Graduate Topics in Medical Humanities<p>Study of topics in Medical Humanities. May be repeated once for credit on a different topic.</p>
		HEALTH ECONOMICS I	Health Economics I<p>Production of health, demand for health, determinants of health, health disparities, international comparisons, cost-effectiveness and valuation.</p>
		HEALTH ECONOMICS II	Health Economics II<p>Health insurance, moral hazard, adverse selection, demand for health care with health insurance, geographic variations in care, health care disparities, employersponsored insurance and labor markets, provision of health care (physicians, hospitals, managed care), government programs (Medicare and Medicaid), R&D and pharmaceuticals, technological change, costs and cost containment.</p>
		HIST OF PHILANTHROPY IN U. S.	History of Philanthropy in the United StatesApproaches philanthropy as a social relation between various groups and looks at issues ranging from the relationship between government and the economy to African-American activism to women's roles. Explores past and current debates about such issues in order to analyze the past, understand the present, and shape the future.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	INDEP LEARNING IN APPLIED ANTH	Independent Learning in Applied AnthropologyP: permission of instructor. Independent research/training using anthropological perspectives/methods in addressing social issues. The project must be a discrete activity with a concrete product, conducted in conjunction with the student's anthropology advisor and a member of the organization where she or he will be located. May not be repeated for more than 6 credit hours.
		INDIVIDUAL READINGS	Individual Readings in SociologyP: graduate standing and consent of instructor, 6 hours of graduate credit in sociology with grades of B or better. Investigation of a topic not covered in the regular curriculum that is of special interest to the student and that the student wishes to pursue in greater detail. Available only to sociology graduate students through arrangement with a faculty member.
		INFO ECON&THRY INCENTIV/CNTRCT	Information Economics and Theories of Incentives and Contracts<p>The course covers topics in the theories of incentives and contracts that study situations in which there are explicit or implicit contractual obligations. It explores the role and influence of asymmetric information in determining outcomes with special emphases on moral hazard and adverse selection.</p>
		INST SETTING-HEALTH ECON U.S.	Institutional Setting for Health Economics in the U.S.<p>P: completed or concurrent with E521 and E571. Overview of the structure fo the U.S. health care system including health care financing, health care delivery, and government programs. Private and public financing mechanisms as well as government regulation. Comparison of the U.S. system to the health care systems of other countries.</p>
		MACROECONOMIC THEORY I	Theory of Income and Employment IP: E504 or consent of instructor. Intensive study of intermediate income theory; emphasis on construction and empirical significance of aggregative economic models of the determination of income, employment, and price level.
		MEDIA AND SOCIETY SEMINAR	Media and Society Seminar<p>This course offers an examination of structure, functions, ethics, and performance of communication and mass media, stressing a review of pertinent research literature. Students will analyze media policies and performance in light of communication theory and current economic, political and social thought.</p>
		MICROECONOMETRICS	Econometrics 4-Microeconometrics<p>Microeconometrics with applications to labor, health, and public economics. Extensive coverage of limited dependent variable and panel data models. Empirical implementation is an essential component of the course.</p>
		MODERN MATERIAL CULTURE	Modern Material Culture<p>This course examines how contemporary social experience is impacted by material culture ranging from toys to theme parks. Focuses on how consumers perceive themselves and others in modern consumer culture through the medium of commodities and examines systems of inequality that are reproduced and subverted through consumption.</p>
		NONPROFIT ECONOMY & PUB POLICY	The Nonprofit Economy and Public PolicyP: E201. The role of nonprofit organizations (universities, churches, hospitals, orchestras, charities, day care, research, nursing homes) in mixed economies. Public policy controversies such as regulation of fundraising, antitrust against universities, "unfair" competition with for-profit firms, and the tax treatment of donations. (This course may not be taken for credit by anyone who has received credit for E414.)
		PHILOSOPHY OF SCIENCE	Philosophy of ScienceA study of theories with regard to the nature, purpose, and limitations of science. Attention will be given to the cognitive significance of theories, the scientific method (hypothesis formation, theory construction, and testing), research paradigms, reductionism, and social epistemology.
		QUANTITATIVE METHODS-SOCIOLOGY	Quantitative Research MethodsP: graduate standing or consent of instructor. This course surveys the major techniques for investigating current sociological problems. It emphasizes the relationship between theory and practice in under-standing and conducting research. Although methods intended for rigorous hypothesis testing through quantitative analysis will be of major concern, the course will also examine issues in field research essential to a full understanding of a research problem.
		SEMINAR IN HEALTH ECONOMICS	Seminar/Workshop in Health Economics<p>Current topics in advanced health economics. Preparation of a research paper and oral presentation to a seminar.</p>
		SEMINAR IN URBAN ANTHROPOLOGY SOCIAL & POLITICAL PHILOSOPHY	SEMINAR IN URBAN ANTHROPOLOGY Social and Political PhilosophyAdvanced study of central issues, theories, and topics in social/political philosophy, such as property rights, distributive justice, political liberty, and the limits and foundations of state authority.
		SOCIOLOGY THESIS RESEARCH SOILS GEOGRAPHY	SOCIOLOGY THESIS RESEARCH Soils GeographyP: G538. Examines the spatial aspects of soils from a global and local perspective, including soil genesis, morphology, and classification; physical, chemical, mechanical and biological properties of soil; and land use mapping, analysis, planning, and management.
		SPECIAL TOPICS-LIT STDY & THRY	Special Topics in Literary Study and TheoryReading in sociological, political, psychological, and other approaches to literature.
		SURV OF CHILDREN'S LITERATURE	Survey of Children's Literature<p>In this course, we will address the question of how transhistorical trends in children's literature reflect changing cultural views on children as intellectuals and consumers. We will work toward answering this question by first studying a variety of theoretical approaches to defining the child as a subject, and also by reading Lewis Carroll's <em>Alice in Wonderland</em> and J.M. Barrie's <em>Peter Pan</em> in order to establish a baseline for the historical treatment of the child as reader and subject.?? In light of critical debates stemming from these cornerstones of children's literature, we will then move on to a study of contemporary authors who adapt traditional themes and storytelling structures in order to re-present issues such as freedom of speech, immigration, racial and gender politics, and environmentalism to child readers.</p>
		THE HUMAN CONDITION	Medical Humanities & The Illness Experience: Exploring the Human Condition <p>This course will proceed as an in-depth scrutiny of the philosophy and empiricism of medical science. The nature of Medical Humanities will be explored by debating issues affecting the human condition in general, and the illness experience in particular. These issues include evolutionary biology and the beginning of life; questions of artificial life and intelligence; the nature of consciousness; genetics and cloning; the pain of the nation over abortion and euthanasia; alternative and experimental medical techniques; organ donation and transplantation; redefining mental health; and the art and science involved in caring for the patient.</p>
		THE SOC OF HUMAN SEXUALITY	The Sociology of Human Sexuality
		THEORY OF PRICES AND MARKETS 1	Theory of Prices and MarketsP: E504 or consent of instructor. Pure theory of consumer behavior, competitive exchange, theory of production; resource allocation, Pareto optimum, monopoly and monopsony, imperfect competition, moral hazard, adverse selection, and market signaling.
		THEORY OF PRICES AND MARKETS 2	Theories of Prices and Market<p>Analysis of equilibrium, first- and second-orderconditions; statistical derivation of demand and cost curves; activity analysis; general equilibrium; welfare economics; microeconomics of capital theory; pure oligopoly and gave theory.</p>
		TOPICS IN AFRICAN-AMERICAN LIT	Topics in African American LiteratureFocuses on a particular genre, time period, or theme of African American literature. Examples: twentieth-century African American women's novels, black male identity in literature, kinship in African American literature, and African American autobiography. May be repeated twice for credit with different focuses.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	TOPICS IN APPLIED MACROECON	Introduction to Applied MacroeconomicsP: E522. This course is a graduate-level introduction to theoretical and empirical applications in one or more areas of macroeconomics. Applications to problems in the subdiscipline under study will be discussed. Application of estimation and calibration techniques appropriate for the problems in the area will be discussed.
		TOPICS IN APPLIED MICROECON I	Topics in Applied Microeconomics IP: E521. This course is a graduate-level introduction to theoretical and empirical applications in one or more areas of microeconomics. Applications to problems in the subdiscipline under study will be discussed. From an empirical standpoint, appropriate estimation techniques will also be discussed. Further discussion will consider how the system of firms, institutions, and consumers respond to economic incentives; and normative issues-what policies will contribute maximally to economic efficiency and social welfare.
		TOPICS IN APPLIED MICROECON II	Topics in Applied Microeconomics IIP: E521. As in E582, this course will apply theoretical and empirical applications in one or more areas of microeconomics. Problems from a number of areas will be selected for demonstrating solutions. Theoretical model building and prediction, numerical model solving, and hypotheses testing empirically with real data will be included in the course.
	NURS	ADV PRAC IN PSYCH NURS II	Advanced Clinical Practice in Psychiatric/Mental Health Nursing IIIn?this practicum, students expand their practice to indirect care responsibilities, including clinical supervision, evaluation of treatment environments, program development, and interdisciplinary collaboration. Students examine social, legal, economic, and ethical issues to develop goals for future professional development and contributions to nursing. 10 clinical hrs./wk.
		CNS III: SYSTEM LEADERSHIP	Clinical Nurse Specialist III: System Leadership for Innovation in Nursing Practice <span>Prepares clinical nurse specialists to function as innovation leaders within complex health systems. Emphasis is on leading nurses and multidisciplinary teams in achieving safety, quality and cost-effective outcomes?</span>
		ECON ANALYSIS:NURS & HLTH SYST	Economic Analysis of Nursing and Health SystemsThis course provides the economic context for nursing administration and a forum for students to analyze key nursing administration and health systems issues from a perspective of economic value to the community they serve.
		FINANCAL MANAGEMENT: NURSING	Financial Management: NursingDesigned to acquaint nurses with budget preparation and fiscal management of a nursing unit or division. Methods of obtaining personnel input, estimating costs, and cost justification are analyzed in depth.
		INTERPROF APPR TX OF SUB USE	Interprofessional Approach to the Treatment of Substance Use and Co-occurring Psychiatric DisordersThe purpose of this course is to provide learners with knowledge, skills and the exploration of attitudes relevant to interprofessional approaches to the treatment of substance use and co-occurring psychiatric disorders. The course will address prevention, intervention, and treatments of these disorders with diverse populations across the life span. Students draw upon previous and concurrent learning experiences and integrate values, knowledge, and skills relevant to their professional standards of practice. Students explore the relationships between and among substance use/psychiatric disorders and socioeconomic status, race, ethnicity, culture, religion, gender, sexual orientation, age, physical and mental ability, and other socio-environmental factors of vulnerability. Consistent with strengths and ecosystems perspectives, students consider the impact of social environments, physical settings, community contexts, and political realities that support or inhibit the emergence of substance use and co-occurring disorders.
		NURSING CURRICULUM	Curriculum in NursingThis course is designed for persons who are?or will be engaged in teaching within nursing education settings. The primary focus is the process of curriculum development; philosophical, social, political, economic, and professional issues that need?to be considered in planning curricula; evaluating existing curricula; and?changing curricula?are examined.
	PBHL	A POPULATION PERSP GLOBAL HLTH	A POPULATION PERSPECTIVE FOR GLOBAL HEALTH<span>This course is designed to enable learners to understand what 'population health' means in the context of contemporary politics and public health. The course provides learners with a basic familiarity of the use of epidemiology and aggregate measures in political and policy contexts.</span>
		APPLICTN COST EFFECT ANLS PBHL	Application of Cost-Effectiveness Analysis in Public HealthCost-effectiveness analysis is widely used in evaluating the performance of public health programs and policies. In this course, students will learn to frame the conceptual model, to collect and synthesize data regarding 'cost' and 'effectiveness,' to perform a cost-effectiveness analysis, and to form recommendations based on the analysis. Meta-analysis and various survey/interview techniques will be introduced as essential tools for data collection in cost-effectiveness analyses. Learning will be facilitated by numerous examples of the application of this popular method. Health Policy and Management students have the option of taking this course in place of H509.
		CAPSTONE EXP IN SOC & BEHV SCI	Capstone Experience in Social and Behavioral Sciences in Public HealthThis course will provide students with a culminating experience aimed at integrating their learning throughout the MPH program. Through the accomplishment of the learning objectives, students will have the opportunity to practice public health through the resolution of public health problems; determine their proficiency in public health through the development of an ePortfolio, and engage in professional development through various activities and presentations to prepare them for professional life.
		CAPSTONE EXPERIENCE FOR HPM	Capstone Experience for Health Policy and ManagementThis course will provide students with a culminating experience aimed at integrating their learning throughout the MPH program. Students will determine their proficiency in public health through the development of an ePortfolio, and engaging in professional development through various activities and presentations to prepare them for professional life.
		CULTURE & QUALITATIVE METHODS	Culture and Qualitative Methods This course provides learning opportunities for public health graduate students to develop an understanding of culture and of how qualitative methods can be used to develop a sensitivity to and an understanding of cultural practices. Such cultural sensitivities and competencies are basic to effective program planning, implementation, service delivery, and program evaluation. This class will provide important knowledge and opportunities related to public health practice in a community setting comprised of a multicultural population with differing health beliefs, values, behaviors and health care needs. By the end of the semester, the student will be able to define and distinguish the concepts of culture and traditions, acculturation and enculturation, traditionalism and modernism and will be able to begin to identify how to build on cultural practices to develop interventions aimed at influencing health behaviors. Further, the student will have active experience in conducting qualitative research in a community setting, including skills in conducting windshield surveys, participant observations, key informant interviews, and focus groups.
		DEVELOPING STRAT CAPABILITY	Developing Strategic Capability This course explores management roles in health care. Application of strategic management theories, concepts and principles and an understanding of managerial roles in organizations are emphasized. Managerial process, management theories, leadership, organizational design, and strategic management are examined.?

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	PBHL	DOCTORAL READING IN HPM	Doctoral Readings in Health Policy and Management This course is designed to expose a PhD student to published material on a specific topic or technique related to their field of study in Health Policy and Management. The material to be studied will be determined primarily by the PhD student under the direction of a faculty member with input from the student's concentration advisor. The PhD student is expected to work closely with the faculty member to develop a strategy to identify the material to study, plan a time frame for completion of the study and to determine the nature of the study product. Generally the product will be a summary and interpretation of the material studied in a literature review format. The PhD student and faculty member will complete a written agreement, which outlines the scope of work for the semester. The concentration advisor will also sign this agreement.
		DOCTORAL RESEARCH IN HPM	Doctoral Readings in Health Policy and Management This course is designed to allow PhD students the opportunity to explore research questions by collecting data or using existing data related to their field of study in Health Policy and Management. The study topic will be determined primarily by the PhD student under the direction of a faculty member with input from the student's concentration advisor. The PhD student is expected to work closely with the faculty member to develop the study protocol, obtain IRB approval if necessary, obtain the data and collect the planned data analysis. The time frame for completion and the nature of the study product will be determined by the PhD student, faculty member and advisor. Generally the product will be a manuscript for submission to an appropriate journal. The PhD student and faculty member will complete a written agreement, which outlines the scope of work for the semester. The concentration advisor will also sign this agreement.
		ENV HLTH CONT ENROLLMENT	Environmental Health Continuous Enrollment This course is a one-credit course designed for MPH students who previously registered for PBHL-A 703 Environmental Health Concentration Project and are working on their Final Concentration Project until project grade has been assigned.
		ENV HLTH SCI FINAL CON PROJECT	Environmental Science Concentration Final Project Provides students the opportunity to synthesize and integrate knowledge acquired through coursework and the public health internship. Student projects will include components of environmental science analysis, research, and application
		ENVIRON SCI IN PUBLIC HEALTH ENVIRONMENTAL EPIDEMIOLOGY	Environmental Science in Public Health ENVIRONMENTAL EPIDEMIOLOGY <p> <span>This course covers the major developments in the history of epidemiology. The course is not meant to be comprehensive, but rather to provide an opportunity to follow the development of the discipline. You will be required to read 5-7 seminal articles each week and be prepared to discuss them in class. Due to the shortened nature of the summer semester, you must read the first week's material before the class has started. All of the articles have been scanned and placed in Oncourse under the resource tab. Copies of the powerpoint presentations to help direct your readings also have been provided. We will be discussing the first weeks articles the first night so you must read them prior to class time. In order to focus your reading and discussion, there are several questions posed for each week's readings; you should be familiar with the major contribution of each article or historical figure. You should familiarize yourself with the context of their work - you should know what the purpose of their work was, external drivers that either facilitated or hindered their research, underlying political pressures, and assess the utility of their research in regards to how the field is practiced today.</span> </p>
		ETHICS & PUBLIC HEALTH	Public Health Ethics <p> <span>This course is an introduction to the role of ethics in population health-related programs, policymaking, professions and research.</span> </p>
		FUNDAMENTALS OF TOXICOLOGY	Environmental Toxicology This course examines the extent and significance of toxic agents in the environment. It covers risk assessment of potential adverse health effect resulting from human exposure to toxic environmental agents. It also provides a background for understanding mechanistic and biologic specific processes of environmental agents.
		HEALTH ECONOMICS	Health Economics Examines the principles and applications of economic analysis in the health field and the economist's approach to health care issues. It also provides insights offered by economic analysis of specific health issues and problems.
		HEALTH SERV DELIVER & THE LAW	Health Services Delivery and the Law Medical-legal concepts related to hospitals and other health services organizations. Course provides an in-depth understanding of the law and the legal processes affecting the health services system. Presentation of the elements of administrative and agency processes, torts, contracts, facilities, physicians, patients, and personnel.
		HEALTH SERVICES FINANCIAL MGMT	Financial Management Principles of Health CareP: SPHA-H 508. Provides knowledge of corporate finance practice in health care organizations. Establishes an understanding of the basic elements of financial theory used to address service expansion or contraction, capital investment issues, developing business plans and working capital management.
		HLT PROM & DISEASE PREVENTION	Human Disease and Prevention This course has two components. First, students acquire knowledge of selected diseases and social pathologies of importance in public health. They turn this knowledge into educational materials for public health presentations and interventions. In the second component, students evaluate different prevention interventions for the previously selected pathologies and develop formal recommendations.
		HLTH POL & MGMT FINAL CON PROJ	Health Policy and Management Concentration Project This course provides students the opportunity to synthesize and integrate knowledge acquired through course work and the public health internship. Student projects will include components of health policy analysis or management research and applications.
		HLTH SERV HUMAN RESOURCES MGMT	Health Services Human Resource Management This course provides the knowledge and skills needed to understand the application of personnel and labor relations techniques to the health services sectors, with particular emphasis on human resources management, employees' benefit programs, and labor relations as applied to the health services delivery organization.
		HLTHCARE APPL OF STRATEGIC MGT	Health Care Applications of Strategic ManagementP: H501, H502, H510, and H521. This last course of the series in the capstone sequence is designed to assist students in synthesizing and summarizing all of the previous course work. Emphasis is on 'real-world' case situations and requires active participation by the students. Case studies chosen reflect current management issues in health services administration.
		HPM CONTINUOUS ENROLLMENT	Health Policy and Management Continuous Enrollment This is a one-credit course designed for MPH students who previously registered for PBHL-H 705 Health Policy and Management Concentration Project and are working on their Final Concentration Project until project grade has been assigned.
		HUMAN HEALTH RISK ASSESSMENT	Environmental Health Risk Assessment Environmental Risk Assessment is the basis for making decisions related to ecology and human health. This course will examine the basic principles and methods of conducting ecological and human health risk assessments and how risk is managed and communicated to the public. Applications emphasizing real cases will be used to illustrate the interdisciplinary process and products of risk assessment, as well as the regulatory use of the information.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	PBHL	INITIATING THE RSCH PROCESS	INITIATING THE RESEARCH PROCESS<span>This course is designed to enable learners to understand what 'population health' means in the context of contemporary politics and public health. The course provides learners with a basic familiarity of the use of epidemiology and aggregate measures in political and policy contexts.</span>
		INTERNSHIP IN ENV HLTH SCI	Internship in Environmental Health ScienceThis course integrates public health theory and practice in a practice setting. Students have the opportunity to apply concepts from core and concentration courses, conduct projects, and interact with a range of health professionals in the designated setting. Linked to the student's chosen concentration, this work experience exposes the student to new issues and new ways to solve problems and offers the student an opportunity to gain work experience in his/her concentration major and, at the same time, provides valuable job skills. The student works both with a faculty advisor and an academically and professionally qualified preceptor in the agency.
		INTERNSHIP IN HLTH POL & MGMT	Internship in Health Policy and ManagementThis course integrates public health theory and practice in a practice setting. Students have the opportunity to apply concepts from core and concentration courses, conduct projects, and interact with a range of health professionals in the designated setting. Linked to the student's chosen concentration, this work experience exposes the student to new issues and new ways to solve problems and offers the student an opportunity to gain work experience in his/her concentration major and, at the same time, provides valuable job skills. The student works both with a faculty advisor and an academically and professionally qualified preceptor in the agency.
		INTERNSHIP IN HLTH SVCS MGMT	Internship in Health Services ManagementP: H501, H509, H514, and H650. Requires the equivalent of a minimum of 3 credit hours of on-site experience under the supervision of a qualified preceptor and program faculty. Grading is on an S/F basis.
		INTERNSHIP IN SOC & BEHAV SCI	Internship in Social and Behavioral ScienceThis course integrates public health theory and practice in a practice setting. Students have the opportunity to apply concepts from core and concentration courses, conduct projects, and interact with a range of health professionals in the designated setting. Linked to the student's chosen concentration, this work experience exposes the student to new issues and new ways to solve problems and offers the student an opportunity to gain work experience in his/her concentration major and, at the same time, provides valuable job skills. The student works both with a faculty advisor and an academically and professionally qualified preceptor in the agency.
		LAW POV & POP HLTH	Law Poverty and Population Health <p>This course on Law and Public Health addresses the law and policy that inform the practice of public health primarily in the United States. The course proceeds with a examination of the field of public health and various definitions of public health. The course also examines law governing the practice of public health by state, local, and federal agencies, as well as health care professionals and institutions. Specific topics addressed include the constitutional foundations for public health practice and regulation, models and issues in public health regulation, and the relationship and tension between public health and private interests.???
		LEADERSHIP GLOB HLTH LAW & ETH	LEADERSHIP IN GLOBAL HEALTH LAW AND ETHICS <span>Overview of critical issues relating to law, ethics, and global public health, including legal foundations of the American public health system and ethical dilemmas. We compare and contrast the American perspective with those of other countries and governance structures.</span>
		LEADING PUBLIC HEALTH SRVC ORG LEAN IN HEALTHCARE ADMIN	Strategic Planning for Health Services Organizations Lean in Healthcare Administration<p>A combination of experiential (learn by doing) and lecture formatted learning aimed at introducing students to the concept of Lean thinking and leadership in healthcare organizations. Within the course students will be introduced to: the history of Lean and its rise in healthcare, identification and quantification of the value of waste removal in process oriented work systems, Lean thinking, facilitation, tools and leadership.?? Students will work independently and in small groups.</p>
		MANAGED CARE & POPUL HLTH	Managed Care and Population Health<p>The purpose of this course is to introduce students to the structure and processes that characterize Managed Care Organizations (MCOs).?? The course covers current Health Care transformation related to the Affordable Care Act (ACA).??</p>
		MARKETING HLTH SVCS DELIVERY	Marketing for Health Services DeliveryThis course focuses on the marketing problems and strategies of health care organizations. Subjects include the nature of health care services, organizing for health service delivery, managing health services demand, tailoring customer mix, and managing supply in health care services.
		MGMT OF INDIV & GROUP BEHAV	Management of Individual and Group BehaviorThis course provides a conceptual framework for understanding behavior in the work environment by introducing concepts concerning effective management of people in organizations. Key theories and concepts in the field of organizational behavior will be introduced. The focus of this course is at the micro level of analysis, addressing topics such as individual theories of motivation, job design, and diversity issues; management of work teams; group decision making; managing conflict; and leadership, influence, and power issues.
		MGMT SCI FOR HLTH SRVCS ADMIN	Management Science for Health Services AdministrationFocus is on management science methods, as applied to health sciences administration. Includes treatment of decision theory, constrained optimization, and probability simulation.
		MNG HLTHCARE ACT INFO DEC-MAKG	Managing Health Care Accounting Information for Decision-MakingP: undergraduate principles of accounting. Provides a user-oriented understanding of how accounting information should be utilized, focusing on balance sheet and income statement and cash flow analysis, budgeting, cost analysis, and responsibility accounting.
		OCCUP HLTH AND SAF FOR PH PROF	Occupational Health and Safety for Public Health ProfessionalsThis course provides a survey of technical and regulatory aspects of protecting the health and safety of workers. Topics include basic toxicology; skin, eye, and respiratory hazards; measuring hazardous atmospheres; ventilation systems; fire and explosion hazards; emergency response; occupational hearing loss; radiation; prevention of accidents; cumulative trauma; and personal protective equipment.
		OUTCOMES ASSESSMT/OUTCOMES MGT	Health Care Outcomes and Decision MakingP: H501, H502, H514, and H518. Application of health outcomes measures in decision-making and evaluation in various health service settings. Includes designing and implementing evaluation plans of health and social programs. Emphasis on evaluation strategies, measurement of health outcomes, and management decision-making.
		PH APPLICATION OF GIS	Public Health Applications of GIS Using ArcGIS Desktop software, this course aims to familiarize students with applications of Geographic Information Systems (GIS) in the context of public health. Public Health cases will be used to explain and teach principles, methods, and techniques. Topics include creating layer packages in ArcMap, health data visualization, map design, health data downloading, geocoding tabular data, and spatial analysis and spatial joins. Downloading, processing and visualization of satellite data on environmental parameters that are traditionally determinants of public health will be covered at the end of the course. The course will provide practical experience to students through exercises and a final project.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	PBHL	POL DESIGN IMPLEMENTATN & MGT	Policy Design, Implementation, and ManagementThis course will examine the implications for the future of health policy in the United States. Further, health policy topics from economic, financial, sociological, political, and psychological perspectives will be covered. Analytical paradigms are applied to organizational or macro-policy making issues. Topics vary by semester according to current policy challenges faced at the federal level.
		PUBLIC HEALTH SANITATION	Food Safety and SanitationThis course will examine the various hazards that cause food borne illness as well as the risk factors that are known to contribute to these diseases. Topics include etiological agents for common and emerging food borne diseases; basic concepts of food science and technology; food safety principles and practices that are recommended by the Food and Drug Administration's Food Code. ?
		READINGS IN PUBLIC HEALTH	Readings in Public Health This course is designed to expose the student to published material on a specific topic or technique in the field of Public Health. The material to be studied will be determined primarily by the student under the direction of a faculty member with input from the student's concentration advisor. The student is expected to work closely with the faculty member to develop a strategy to identify the material to study, plan a time frame for completion of the study and to determine the nature of the study product. Generally the product will be a summary and interpretation of the material studied in a literature review format. The student and faculty member will complete a written agreement, which outlines the scope of work for the semester. This agreement will also be signed by the concentration advisor.
		REG AFFAIRS FOR PROD STEWSHIP	Topics in Public Health <span>This course explores the major national and international legislative, regulatory, and voluntary frameworks that impact manufacturing, importing, and placing products into commerce, and aspects for compliance management for businesses.</span>
		RESEARCH CONCEPTS IN HPM RESEARCH IN HLTH ADMINISTRATN	Methods of Health Services and Policy Research Research in Health AdministrationP: all core courses or consent of instructor. Field research conducted under the direction of a faculty member. Designed for advanced students and those who have elected not to take a residency. Grading is on an S/F basis.
		SBS CONTINUOUS ENROLLMENT	Social and Behavioral Health Science Continuous Enrollment This is a one-credit course designed for MPH students who previously registered for B701 Biostatistics Concentration Project and are working on their Final Concentration Project until project grade has been assign.
		SOC & BEHAV SCI FINAL CON PROJ	Social and Behavioral Health Science Concentration ProjectThis course provides students the opportunity to synthesize and integrate knowledge acquired through course work and the public health internship. Student projects will include components of behavioral health science research and application.
		SOC & BEHAV SCI IN PUBLIC HLTH	Philosophy and Principles of Social and Behavioral Health Science Applied to Public Health PracticeExplores the principles of health education and behavioral science and strategies for their application to health problems in communities and among special populations.
		STATIST METHODS FOR HLTH SVCS	Statistical Methods for Health ServicesP: 3 credit hours of undergraduate statistics. Study of the quantitative techniques commonly used to examine health-related data. Includes univariate, bivariate, and multivariate techniques. Emphasis is on using statistical techniques to make policy and administrative decisions in a health services setting. Students use standard computer software to analyze data.
		TOPICS IN PUBLIC HEALTH	TOPICS IN PUBLIC HEALTH Topics in Public Health: Public Health Ethics This course is an introduction to the role of ethics in population health-related programs, policymaking, professions and research. Because public health interventions focus on communities, as contrasted with individuals, they raise distinct and significant ethical questions from those raised in health services delivery (commonly addressed in fields such as medical ethics, bioethics and clinical ethics). A central question is: How should the rights of individuals be balanced against the protection or improvement of the health of the public? Through examination of current, historic and potential cases--including infectious disease outbreaks and bioterrorism threats, community health impact assessments, soda portion restrictions, and international public health research and programs--students will increase their understanding of the ethical and human rights concerns in public health. Students also will learn how to analyze local, national and international public health policies and programs using numerous ethics-based frameworks, and will be more empowered to be critical contributors to the development, delivery and assessment of ethically sound public health interventions in their professional careers.
		US HLTH CARE SYSTEMS AND HP	U.S. Health Care: Systems, Policies and Ethical ChallengesExplores health, illness and disease trajectories and the systemic components that mold the health care system. Ideological paradigms predicting utilization and health behaviors are addressed, as are guidelines of ethical decision making/problem analysis. Formulations and implementation of organizational and governmental policies and their associated theoretical assumptions are addressed.
		WATER QUALITY	WATER QUALITY<p> <span>This course is designed to teach public health students the fundamentals of water quality and treatment of water, wastewater and solid waste along with associated aspects of the water cycle, ecosystems, water resources and regulations.</span> </p>
	PED	ECONOMICS OF EVENT TOURISM	Economics of Event TourismThe course examines the fundamental economic principles as they apply to the leisure and tourism industry.? The economic complexities of the tourism product, including travel behavior, tourism spending, demand and supply of tourism services, costs and benefits of tourism events, tourism development by governments, etc., will be investigated.? Trends in?travel and tourism, and related socio-economic impacts are examined.? The pre-requisite for this course is undergraduate micro-economics.
		EXER PRESCRIP HLTH & DISEASE I	Exercise Prescription in Health and Disease IHealth fitness laboratory evaluation for exercise prescription for apparently healthy adults. Modification of prescription for metabolic and immune diseases. Topics include disease etiology, pathophysiology, exercise intervention, clinical management and exercise prescription for hyperlipidemia, obesity, diabetes, stage renal disease, cancer, AIDS and organ transplantation.
		PHYSICAL ACTIVITY AND HEALTH	Physical Activity and HealthProvides an overview of the role of physical activity in the prevention of disease and disability. Explores the health-related consequences of inactivity and discusses interventions designed to increase physical activity within populations. The course will focus on obesity and it's health-related consequences.
		SPORTS TOURISM MANAGEMENT	Sports Tourism ManagementThis course analyzes the interconnectedness of sport and tourism from behavioral, historical, economic, management, marketing, environmental and policy perspectives. Issues and trends in the sport and tourism industry are also investigated.
	PHST	CIVIL SOCIETY AND PHILANTHROPY	Civil Society and PhilanthropyThe?course explores the relationship of civil society to?the state, how the nonprofit sector affects the state, and how the state regulates the sector. A continuing theme is how and whether the state and philanthropic institutions make civil investments in strengthening civil society.
		CIVIL SOCIETY IN COMP PERSP	Civil Society and PhilanthropyThe course explores the relationship of civil society to the state, how the nonprofit sector affects the state, and how the state regulates the sector. A continuing theme is how and whether the state and philanthropic institutions make civil investments in strengthening civil society.

SUST Spheres	2	<b>2 = Courses that Include Sustainability (based on @ least 2 SUST areas)</b>
--------------	---	--

Row Labels	Course Academic Group	Course Description	Course Description Value
	PHST	CULTURE AND PHILANTHROPY	Cross-Cultural Dimensions of PhilanthropyExamines cross-cultural research on philanthropy and pursues critical inquiry into the historical and cultural implications of philanthropy. The course focuses on the diverse system of giving and serving within philanthropy traditions in the United States and around the world.
		DISSERTATION	Doctoral DissertationUndergraduate and graduate degrees, minors, and certificates in various areas of philanthropic studies and nonprofit management are available at IUPUI and IU Bloomington. These include American Humanics, nonprofit management, museum studies, and the philanthropic studies minor. New courses and degree programs are developing rapidly. For up-to-date information, please contact Student Services for the Philanthropic Studies Program, (317) 278-8911, or visit www.philanthropy.iupui.edu.
		ETHICAL,MORAL&REL ASPECTS PHIL	Ethical, Moral, and Religious Aspects of PhilanthropyThis doctoral seminar focuses on the major ethical and moral texts that explain and justify philanthropy. Emphasis is placed on the philosophy of philanthropy in comparative perspective, world traditions of social and religious conditions, and moral issues raised in philanthropy practice.
		GENDER AND PHILANTHROPY	Gender and PhilanthropyThis course provides a broad overview and deeper understanding of giving and volunteering by gender from multiple perspectives, and how this knowledge can be applied across the nonprofit sector today. As the 21st century unfolds, nonprofit practitioners ??? whether CEO, fundraiser, board member, or volunteer ??? and donors must recognize that neither philanthropy nor fundraising follow a one-size-fits-all format. Woven throughout this curriculum are examples of how women exercise their power and influence in philanthropy.
		HIST&CULTURAL PERSPECT OF PHIL	Historical and Cultural Perspectives of PhilanthropyThis doctoral seminar focuses on the history of Philanthropy from earliest to contemporary times. Cross-cultural perspectives are considered as socially and historically conditioned. Ethnic and gender philanthropy are examined across geographic, cultural, and chronological periods.
		HISTORY OF PHILANTHROPY	History of PhilanthropyThis course examines traditions of giving and receiving charity and philanthropy in the modern era. It takes a comparative approach to giving including different historical contexts and traditions. Among the topics covered will be donor motivations, definitions of need, identity formation, and philanthropy, politics and social change.
		INTL HUMANITARIAN ASSISTANCE	History of International Humanitarian AssistanceThis course covers the history of international humanitarian assistance during the 19th and 20th centuries. Its focus is on the movements and activities that developed in wealthier countries (Europe and the U.S.) during this period which attempted to help those in other lands in need of assistance (e.g., food, shelter, medical care). These needs arose from a variety of causes, both natural and man-made, such as famine, flood, epidemics, earthquakes and volcanoes as well as wars and government oppression. The responses took many forms, governmental and non-governmental, in a world that underwent very dramatic changes during the 19th and 20th centuries.
		NONPROFITS AND PHILANTHROPY 2	Research in Philanthropic StudiesThis course complements PHST-P 664. Topics covered in this course include organization theory, networks, nonprofit/for-profit relationships, nonprofit revenues, social enterprise, social capital, civil society, advocacy and social movements, non-governmental organizations (NGO's) and cross-national or international NGO's, nonprofit governance, and public policies affecting philanthropy and nonprofit organizations.
		PHIL&NONPROFIT ORGS IN SOCIETY	Philanthropy and Nonprofit Organizations in SocietySocial, psychological, political, and economic theories are used to explain philanthropy and the practice of philanthropy through organizations in society. Major theoretical concepts such as contract failure, social origins theory, voluntary failure, and serial reciprocity presented along with other.
		PRIN AND PRAC OF FUNDRAISING	Principles and Practices of FundraisingThe course covers the salient aspects of the fundraising process as organized carried out by nonprofit organizations ??? its base of core values, preparing a case for philanthropic support, relevant techniques and strategies, assessing potential sources of support, effective engagement of human resources, and process management. The course includes relevant theory to undergird practice, examination and analysis of current practice, proposal of practice standards, and discussion and examination of ethical problems in fundraising.
	SCI	ATTITUDES AND SOCIAL COGNITION	Attitudes and Social CognitionP: Regular graduate standing in Psychology or permission of instructor. This graduate-level seminar provides an overview of contemporary social psychological theory and research, emphasizing the social-cognitive, affective, and motivational processes underlying attitudes, social inference, stereotyping, prejudice, and self-regulation. Class discussion will focus on the application of this research to promote prosocial and prevent antisocial behaviors affecting individuals, organizations, and society.
		ETHICL LEGAL CULTRL ISS IN PSY	Ethical, Legal, and Cultural Issues in PsychologyI670 Ethical, Legal, and Cultural Issues in Psychology (3 cr.) P: admission to graduate training in psychology or consent of instructor. Exploration of models of ethical decision making. Examination of ethical principles and legal mandates that apply to professional psychology including psychologists' roles in health care service delivery, consultation (clinical and organizational), research, and teaching. Examination of cultural issues, including issues related to ethnicity, age, gender, religion, and sexual orientation.
		INTERVENTION II: COG-BEH INTER	Intervention II: Cognitive Behavioral InterventionsI666 Intervention II: Cognitive Behavioral Interventions (3 cr.) P: consent of instructor. Theory, research, and clinical application of cognitive-behavioral therapy (CBT). Addresses the history and development of CBT, assessment and intake interview process, CBT intervention techniques, and CBT treatment of several disorders. Relevant multicultural issues will also be discussed.
		MULTICULTURAL COUNSELING PRACTICUM INDUST. PSY	MULTICULTURAL COUNSELING Practicum in Industrial/Organizational Psychology684 Practicum in Industrial/Organizational Psychology (3 cr.) P: 570, 572, and consent of instructor. Practical experience in the development and implementation of field research in organizational settings. Gives students the opportunity to spend eight hours per week in local business organizations to gain experience and skills in industrial/organizational psychology.
	SHRS	ADOLESCENTS AND YOUNG ADULTS	Occupations of Adolescents and Young AdultsCourse will focus on the development, wellness, and disruption of performance in areas of occupation of adolescents and young adults utilizing the occupational therapy process to evaluate and intervene. Laboratory and fieldwork components will emphasize individual engagement in occupations within various social and cultural contexts.
		APP TRANS RESEARCH IN OT	Applied Translational Research in Occupational Therapy Course provides the student with the underpinnings needed to translate findings from inter-disciplinary, evidence based healthcare research into practical application. Students apply these findings to practices that affect health outcomes in individual patients and populations. The course goal is to prepare the student to improve health through the application of both occupational therapy and inter-disciplinary research.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	SHRS	CLIN ROT-PUB HLTH/COMM MED	Clinical Rotation: Public Health and Community MedicineThis is the 4-week Community Medicine Clinical Rotation requirement of the experiential year. This clinical rotation was created and designed to provide students with a unique opportunity within a Community Medicine Health Center, to maximize the physician/physician assistant collaboration model, to further develop awareness of and coordination with all health team members, and to experience and participate the concept of a patient centered medical home. This rotation introduces students to diverse preventive, emergent, acute, and chronic patient encounters, their complications and impact on patients across the life span, within the underserved population.
		CLINICAL ROTATION-ELECTIVE II	Clinical Rotation: ElectiveThis is the 2 or 4-week Elective Clinical Rotation that allows the student to choose to pursue an area of medical beyond that of the 9 core required rotations. The rotation exists to encourage expansion of opportunities to practice medicine in an area of interest that is available within the United States or abroad. This rotation serves to deepen their commitment and understanding of preventive, emergent, acute, and chronic treatment of patients, and their complications. The rotation offers students an opportunity to create a clinical rotation unique to their interests and which fosters a deepening appreciation for the environment of global health, and the diverse ethnic, cultural and economic environments in which medicine is practiced. Students self-select in order to participate in an international rotation overseas, as long as they practice under the direct supervision of a qualified preceptor.
		DIETETIC INTERNSHIP	Dietetic InternshipP: dietetic internship. Supervised clinical experience in clinical and community nutrition and food service systems management. Course meets the requirements of the American Dietetic Association for the postbaccalaureate experience needed for dietetic registration. Previous admission into dietetic internship required. May be taken for a maximum of 22 credit hours. Not applicable to a graduate degree program.
		HLTH PROMOTION & COMM OUTREACH	Health Promotion and Community OutreachEssential concepts related to the roles of physical therapists in prevention and in the promotion of health, wellness, and fitness. Course includes application of concepts through service component in selected community agencies.
		HLTH REHAB SYSTEMS & DELIVERY	Health and Rehabilitation Systems DeliveryThis course analyses emerging trends in health care systems and delivery associated with rehabilitation. Areas to be covered include organizational infrastructures, finance, public policy and implications for disparate patient populations.
		LEGAL & ETHICAL ISS PHYS THER	Legal and Ethical Issues in Physical TherapyIncludes essential information related to ethical, legal, and professional practice regulations and standards of care. Interpersonal communication skills for the healthcare environment are also presented.
		OCCUPATIONS OF ADULTS	Occupations of Adults and Older AdultsThis course will focus on the disruption of performance in areas of occupation of adults and older adults utilizing the occupational therapy process to evaluate and intervene. Laboratory and fieldwork components will emphasize individual engagement in occupations within various social and cultural contexts.
		OCCUPATIONS-INFANTS & CHILDREN	Occupations of Infants and ChildrenCourse will focus on the development, support, and disruption of performance in areas of occupation of infants and children utilizing the occupational therapy process to evaluate and intervene. Laboratory and fieldwork components will emphasize individual engagement in occupations within various social and cultural contexts.
		OT MGMT IN HEALTH & COMM SYSTM	Occupational Therapy Management in Today's Health and Community SystemsA study of the occupational therapist's role in the management of service delivery in both health and community systems. Managed care, managerial functions, professionalism, ethics, and various laws are emphasized.
		PRINCIPLE OF PHARM PA	Principles of Medical PharmacologyThis survey of pharmacology will teach the student general principles of drug action. Students will develop an understanding of the basic pharmacokinetic, pharmacodynamic, and pharmacogenetic principles underlying drug therapy; prototypic drugs and their adverse effects; the development of drug dependence and addiction; and an awareness of environmental toxins.
		US HLTH CARE SYSTEM & PA POL	U.S. Health Care: Systems, Policies and Public Health for PAMThis course will explore U.S. health care systems and policies. Discussion will focus on policy formation; influencers on policy making (stakeholders and data); health care system operations; the impact policies have on U.S. health care outcomes; and the interaction of national, state, and local policies.
	SPEA	CAPSTONE IN PUBL & ENV AFFAIR	Capstone in Public and Environmental AffairsInterdisciplinary course designed to expose students to the realities of the policy process through detailed analyses of case studies and projects. Course integrates science, technology, policy, and management.
		ENVIRONMENTAL LAW	Environmental LawAn overview of U.S. environmental law. Key environmental statutes are examined, as are court decisions interpreting those statutes. Topics include water and air pollution, hazardous waste, toxins, pesticides, and environmental impact statements.
		ENVIRONMENTAL POLICY ANALYSIS	Environmental Policy AnalysisThe interrelationships among social, technical, and natural systems. Theories of growth. Causes and implications of environmental problems. Alternative policies and mechanisms for environmental control and bases for choice.
		GOVERNING&LEADING-GLOBAL SOCTY	Governing and Leading in a Global SocietyThis gateway course will increase the student's appreciation of the role of the profession in governance across multiple sectors of society within the global context.? Students will learn norms associated with effective practice and frame a professional development plan to acquire the leadership skills to support these norms.
		MGMT IN THE NONPROFIT SECTOR	Management in the Nonprofit SectorP: V521 or PHST P521. An examination of nonprofit organizations and their role in society. Management issues and public policy affecting these organizations are discussed. Primary emphasis is on U.S. organizations, but attention is given to the global nature of the sector.
		NAT HOME & SECURITY IN AMERICA	Homeland Security in the United StatesThis course addresses federal policy and management issues related to preventing, mitigating, preparing for, responding to, and recovering from major catastrophic events; both natural and man-made, including acts of terrorism. Topics include emergency management, resource and response infrastructures, public health issues, best practices, crisis communications, and business and governmental continuity.
		NEGOTIATN & DISP RESOLUTION PA	Negotiation and Dispute Resolution for Public AffairsStudents will learn the skill of interest-based negotiation through role play and simulation. Students will learn about dispute resolution techniques such as mediation, arbitration, fact finding, early neutral evaluation, ombudsmanship, and facilitation. The course covers dispute resolution in federal government and in the context of public, environmental, labor, and business disputes.
		NONPROFIT & VOLUNTARY SECTOR	The Nonprofit and Voluntary SectorSame as PHST P521. The theory, size, scope, and functions of the nonprofit and voluntary sector are covered from multiple disciplinary perspectives including historical, political, economic, and social.
		PRINCIPLES&PRACT OF SOC ENTREP	Principles and Practices of Social EntrepreneurshipThis course will survey issues in social entrepreneurship and engage students in completing class projects applying principles and practices of social entrepreneurship to problems of nonprofit organizations, government agencies, and social-purpose business.



SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	<b>SPEA</b>	PUB MGT INFO SYSTEMS	Public Management Information SystemsThis course focuses on the application of information systems concepts and tools to challenges and opportunities in the public sector. Topics covered will include current trends in information systems; managerial use of information systems; hardware, software, and telecommunications; systems development processes and practices; and strategic and policy issues in information systems.
		PUBLIC FINANCE & BUDGETING	Public Finance and BudgetingThe fiscal role of government in a mixed economy; sources of public revenue and credit; administrative, political, and institutional aspects of the budget and the budgetary process; problems and trends in intergovernmental fiscal relations.
		PUBLIC HUMAN RESOURCES MGMT	Public Human Resources ManagementAnalysis of the structure, operations, and design of public personnel systems, including government agencies and public enterprise. Relationships between public policy and personnel concepts, values, and operations are considered.
		PUBLIC MANAGEMENT	Public ManagementAnalysis of concepts, methods, and procedures involved in managing public organizations. Problems of organization, planning, decision making, performance evaluation, and management of human resources are considered. Cases are drawn from a variety of public services found at federal, state, and local levels of government.
		PUBLIC MANAGEMENT ECONOMICS	Public Management EconomicsThis course focuses on applications of the principles and concepts of intermediate microeconomic theory and managerial economics to public sector management decisions and policy analysis. The course utilizes case studies to give students opportunities to recognize the economic dimensions inherent in the public policy problems and to develop an analytical problem-solving orientation.
		PUBLIC ORGANIZATION	Public OrganizationsThis course focuses on the behavior and theory of public organizations in four areas: (1) individuals and groups in public organizations, (2) the design of public organizations, (3) organization-environment relations, and (4) interorganizational relations.
		PUBLIC POLICY PROCESS	Public Policy ProcessAn examination of the role of public affairs professionals in policy processes. Focuses on relationships with political actors in various policy areas.
		PUBLIC PROGRAM EVALUATION	Public Program EvaluationExamination of how the programs of public agencies are proposed, established, operated, and evaluated. Discussion of the role and conduct of research in the program evaluation process. In addition, techniques of effective evaluation and analysis are discussed.
		STRAT MGMT PUB/NONPROFIT ORGS	Strategic Management of Public and Nonprofit OrganizationsP: V502. Concepts, cases, and problem solving associated with the structure and process of strategic management in the public sector, broadly defined to include governmental and nongovernmental organizations.
	<b>SWK</b>	ASSESS MENTAL HLTH & ADDICTNS	Assessment in Mental Health and AddictionsRecognizing the social, political, legal, and ethical implications of assessment, students enrolled in this course critically examine various conceptual frameworks and apply bio-psychosocial and strengths perspectives to understand its multidimensional aspects. Students learn to conduct sophisticated mental status and lethality risk interviews, engage in strengths and assets discovery, and apply the Diagnostic and Statistical Manual of the American Psychiatric Association and other classification schemes in formulating assessment hypotheses. They gain an understanding of the application of several relevant assessment instruments and learn to evaluate their relevance for service to at-risk populations, including persons affected by mental health and addictions issues. Students learn to collaborate with a diverse range of consumers and other professionals in developing meaningful assessments upon which to plan goals, intervention strategies, and means for evaluation.
		COMM-BASED PRAC MTL HLTH&ADDIC DIV, HUMAN RIGHTS, SOC JUSTICE DIVERSITY, HUM RGHTS & SOC JUS	Community-Based Practice in Mental Health and Addiction DIV, HUMAN RIGHTS, SOC JUSTICE DIVERSITY, HUM RGHTS & SOC JUS
		FISCAL MGMT, MKTG, RESRCE DEV GROUP&COMM BASED PRAC CHLD&FAM	Fiscal Management, Marketing, and Resource Development Community-Based Practice with Children and Families
		HEALTH CARE PRACTICE I	Health Care Practice I
		HUMAN BEHAV & SOCIAL ENVIRON I	HUMAN BEHAV & SOCIAL ENVIRON I
		HUMAN BEHAVIOR IN SOC ENVIR II	Human Behavior and the Social Environment II
		HUMAN BEHAVR SOCIAL ENVIRON II	HUMAN BEHAVR SOCIAL ENVIRON II
		LEVRG ORG, COMM & POLIT SYST	Leveraging Organizations, Communities, and Political Systems
		MENT HLTH&ADDICT PRCT IND/FAM	Mental Health and Addictions Practice with Individuals and Families
		MNTL HLTH&ADDICT PR WITH GRPS	Mental Health and Addiction Practice with Groups
		PHILOSOPHY OF SCI & SOC WORK	Philosophy of Science and Social Work
		PRAC IND, FAM & COM IN HEALTH	Health Care Practice II
		SOC POLICY ANALYSIS & PRACTICE	SOC POLICY ANALYSIS & PRACTICE
		SOC WRK PRAC WITH CHLDRN&ADOL	Social Work Practice with Children and AdolescentsThis course is designed to develop and broaden student knowledge and skill in direct practice with children and adolescents. Social work practice will be examined within the context of meta-frameworks that include developmental stages/tasks, sexual development and orientation, gender issues, family context, culture, larger environmental systems, discrimination/oppression, and legal rights and responsibilities. Emphasis will be placed on practice methods including assessment, interviewing, comparative treatment models, and practice with special populations.
		SOCIAL POLICY AND SERVICE	SOCIAL POLICY AND SERVICE
		SOCIAL POLICY AND SERVICES	Social Policy and Services II
		SOCIAL WORK THEORIES	Social Work Theories of Human and Social Behavior
		SOCIAL WRK PRACTICE IN SCHOOLS	Social Work Practice in SchoolsThis advanced level practice course is designed to provide students with an overview of contemporary social work practice in school settings. Specific topical areas include the historical and contemporary contexts of social work service in school settings, legal mandates for social work practice in schools, social policies and trends in education affecting school settings and social work practice in schools, preventive and intervention methods and roles applicable to diverse populations in school settings, research issues and practice effectiveness, and multiculturalism and diversity issues in social work practice in schools.
	<b>TECH</b>	SWK PRACTICE: ADDICTIONS LEADERSHIP AND ETHICS	Social Work Practice: Addictions Leadership EthicsAn examination of ethical, legal, and policy issues facing business and technology leaders. Topics include ethical decision making, corporate social responsibility, code of ethics, public policies and government regulations, international business practices, technology innovation, risk management in a global environment, and specific areas of law-employment, health and safety, environmental, contract, warranties and liabilities, intellectual property, technology law, and international laws and regulations.
		MANAGERIAL TRNG DEVEL	Managerial Training and DevelopmentReview of current managerial education and development theories and practices; discussion of fundamental social, economic, and political changes affecting business and the work of managing; implications of these changes for individual manager development and continued growth.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
LAW	LAW	ENVIRONMENTAL LAW	Environmental Law introduces students to many of the major concepts and statutes in federal environmental law. Laws covered may include the Clean Air Act, the Clean Water Act, the Endangered Species Act, CERCLA/Superfund, and the Solid Waste Disposal Act/RCRA. Additional topics may include cost-benefit analysis, risk assessment, ecosystem services and valuing the environment, and statutory interpretation.
UGRD	BUS	BUS ADMIN INTRODUCTION: HONORS	Introduction to Business Administration: Honors<p>Business administration from the standpoint of the manager of a business firm operating in the contemporary economic, political, and social environment.?? Honors credit; permission required.</p>
		BUS ADMINISTRATION: INTRO	Business Administration: IntroductionBusiness administration from the standpoint of the manager of a business firm operating in the contemporary economic, political, and social environment. No credit for Kelley School of Business students when taken concurrently with or after the Integrative Core.
		CAREER PERSPECTIVES	Career PerspectivesP: sophomore standing. Assists students in constructing their academic programs and postcollege plans. Students are involved in group interaction with managers, senior executives, faculty, junior or senior student mentors, alumni, and community leaders. Students use data from tests and exercises to consider career options as they relate to such topics as globalization, total quality management, workforce diversity, leadership theory, and volunteerism.
		COMMUNITY HEALTH COMMUNITY SERVICE LEARNING	COMMUNITY HEALTH Independent Study in Community Service LearningP: sophomore standing. Authorization required. Independent study course for students intending to apply to the Kelley School of Business and who have 26 or more credit hours. Students will participate in an online library research program, survey and analyze written works on business ethics and societal responsibility, and participate in a group social learning project that involves multiple visits to elementary schools. Credit not given for both X103 and X203.
		INTERNATIONL BUS ENVIRONMNT	The International Business EnvironmentP: ECON E201 and E202 or equivalent, minimum of junior standing, or consent of instructor. Economic environment for overseas operations. Governmental policies and programs that affect international business. Economic and political philosophies around the world; patterns of government-business relationships. Economic development and business activities in differing political and cultural environments.
		INTRO TO BUSINESS & MANAGEMENT	Introduction to Business ManagementBusiness administration and management from the standpoint of a business firm operating in the contemporary economic, political, and social environment. This course will not be counted toward a business degree or minor.
		INTRO TO MACROECONOMICS	Introduction to MacroeconomicsP: E201. An introduction to macroeconomics that studies the economy as a whole; the levels of output, prices, and employment; how they are measured and how they can be changed; money and banking; international trade; and economic growth.
		INTRO TO MICROECONOMICS	Introduction to MicroeconomicsP: sophomore standing. E201 is a general introduction to microeconomic analysis. Discussed are the method of economics, scarcity of resources, the interaction of consumers and businesses in the market place in order to determine price, and how the market system places a value on factors of production.
		ORG & ORG CHANGE	Organizations and Organizational ChangeP: Z302; I-Core; senior standing. Analysis and development of organizational theories, with emphasis on environmental dependencies, sociotechnical systems, structural design, and control of the performance of complex systems. Issues in organizational change, such as appropriateness of intervention strategies and techniques, barriers to change, organizational analysis, and evaluation of formal change programs.
	EDUC	FAMILIES, SCHOOL & SOCIETY	Seminar 1: Individuals and Families in School and SocietyThe purpose of this seminar is to learn the perspectives of individuals with disabilities and their families regarding the impact of disabilities in their daily lives. A life-span approach will be used to discuss issues related to birth and early childhood, school-age years, and adulthood. Additional topics include labeling, legal issues, person-centered planning, and academic, social/emotional, behavioral, and environmental issues.
		MTHD TEACH STUDENTS SPEC NEEDS	Methods for Teaching Students with Special NeedsThis course prepares future teachers to work with students with diverse abilities in inclusive settings. Participants learn to use learning modalities, varied rates and complexity of instruction, and making use of individual interests and preferences. Additionally, differentiating and/or individualizing instruction for all learners and developing classroom management skills are emphasized.
		MULTICULT EDUC/GLOBAL AWARENS SCHLS SOCIETY & EXCEPTIONALITY	Multicultural Education and Global Awareness Schools, Society, and ExceptionalityB-I This course is designed to provide an overview of the many complex issues related to special education policy and practice in the United States. Content will include an introduction to the definitions and characteristics of various exceptionalities; an exploration of the options available for instructing exceptional children in public school settings; and discussion of the many important topics and issues related to planning and implementing special education in American public schools.
	ENGR	CAPSTONE DESIGN	Capstone DesignClass 3.?? Concurrent engineering design concept is introduced and practiced.?? Application of the design is emphasized.?? Design problems from all areas of energy engineering are considered.?? Contemporary issues pertaining to energy engineering career will be discussed.
		COMPRS FLOW & RENEW KIN ENGY	Compressible Flow and Renewable Kinetic Energy DesignThis course is designed to introduce compressible flow, turbomachines and design of kinetic energy conversion and storage devices for wind, wave and tidal renewable energy sources.?? Students will first learn about compressible flow, turbomachines concepts and kinetic energy sources available on earth.?? Next, the course will provide students with analysis, design parameters and control renewable kinetic energies.
		DYN SYS & MEASUREMENTS	Dynamic Systems Modeling and MeasurementsThis course will cover the fundamentals of instrumentation, measurement, and dynamic systems modeling.?? Design, selection, and usage of the instrumentation systems and the interpretation of experimental results are also introduced.?? Basic concepts of measurements methods, measurement system response, assessment, uncertainty analysis of measured data, sensors, signal conditioning, recording/display devices, digital techniques, instrument interface, and measurement theories on stress and strain, temperature, pressure, fluid flow and velocity will also be covered.?? Additionally, fundamentals of dynamic systems including mechanical, electrical, and electromechanical systems will be introduced.?? Laplace transform, block diagram, transient and frequency response of linear first and second order system will be covered as well.
		ELECTROCHEM MATL & EEN	Fundamentals of Electrochemical Materials & Energy EngineeringClass 2. Lab 1.?? This course examines the chemistry and structure of materials and their correlation with various electrochemical properties including their suitability for use in conversion and storage of electrochemical energy, energy related materials, and chemical and renewable energy sources.
		ENG. MECHANICS	Basic Engineering MechanicsThis course is an introductory mechanics course in energy engineering, covers force systems and couples, equilibrium, centroids, friction, Kinematics, kinetics of particles & rigid body, Newton's second law, energy, and momentum methods; equations of motions, and application to machine elements.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	ENGR	ENGINEERING ECONOMICS ENGR DESIGN, ETHICS, & ENTRP	Engineering Economics Engineering Design, Ethics, and EntrepreneurshipClass 2. Lab 2.?? Basic concepts of the design process.?? Innovative engineering design of real life application.?? Engineering ethics topics.?? Fundamentals of Entrepreneurship.?? Design projects focus on open-ended problems.?? Design modeling, simulation, documentation and communication.?? Implementation and use of modern computer tools in solving design problems and completing team design projects in the area of Energy Engineering.
		FLUID MECHANICS	Fluid MechanicsContinua, velocity fields, fluid statics, basic conservation laws for systems and control volumes, dimensional analysis.?? Euler and Bernoulli equations, viscous flows, boundary layers, flows in channels and around submerged bodies, and one-dimensional gas dynamics.
		INTRO TO ENGINEERING MATERIALS RENEWABLE ENERGY SYS & DESIGN	Introduction to Engineering Materials Renewable Energy System and DesignThis course is designed to introduce the system and design of energy conversion and storage devices for renewable energy sources.?? Students will first learn about energy sources available on earth including kinetic, solar, and chemical.?? Next, the course will provide students with a review of the thermodynamic concepts behind energy constant and energy transfer via an energy conversion device.?? Finally, this course will tie together concepts of renewable energy sources and thermodynamics teaching students about design elements for energy conversion and storage devices, in which renewable energy sources are converted and stored.
	HERR	ART OF THE PAST TWO DECADES	Art of the Past Two DecadesA seminar focusing on directed research into the art, critical writing, and conceptual attributes of current art. Topics include postmodernism, appropriation, feminism, multiculturalism, deconstruction, and semiotics.
		FOUNDATIONS OF ART EDUCATION	Foundations of Art EducationHistorical, sociological and philosophical foundations of art education; curriculum development; individualized and interdisciplinary learning; instructing K-12 audiences; K-12 school organization; and general processes and practices of teaching art including the creative problem solving process. School and museum field experiences included.
		HISTORY OF AMERICAN COMIC BKS	History of American Comics and Graphic FictionArt historical overview of American Comics Books and Graphic Fiction. Examines historical shifts from 18th-century origins, inception in popular press, and elevation of artistic status in 1960s. Considers dynamics between comics and socio-political forces, changing visual styles, changes in readership and appreciation, and impact of contemporary publishing including digital technology.
		INTRO TO CONTEMPORARY ART	Introduction to Contemporary ArtThis course introduces the vocabulary of visual arts in the twentieth century. Major movements are briefly introduced with characteristic works. Painting, sculpture, photography, printmaking, computer graphics, video, and environmental and performance art in the past three decades are emphasized. Required of all Foundation Program students. Required for all Foundation Program students other than those planning to major in Visual Communication. For art history majors, H103 is not required, but if taken, may be counted for the required 20th/21st century requirement.
		ITALIAN RENAISSANCE ART	Italian Renaissance ArtThis course covers the painting, architecture, sculpture and graphic arts of Renaissance Italy with emphasis on the changing role of artists in society, major stylistic movements, the use and reception of art, the work of major artists, and their cultural context.
		MAKING MEANING	Making Meaning Theory. Survey study of a range of theories about visual communication design to inform studio practice relative to broad issues of representation and interpretation within contextual frameworks.
		ROMANESQUE & GOTHIC ART	Romanesque and Gothic ArtRomanesque and Gothic art covers the period from about 1000 until 1550, from the artist-craftsman tradition of monasteries and cathedrals to the end of the Age of Faith in Europe. Painting, sculpture, and stained glass will be considered in their social and architectural context.
		WOMEN IN ART	WOMEN IN ART
	INFO	CLINICAL INFORMATION SYSTEMS	Clinical Information SystemsCourse covers human-computer interface and systems design, healthcare decision support and clinical guidelines, system selection, organizational issues in system integration, project management for information technology change, system evaluation, regulatory policies, impact of the Internet, economic impacts of e-health, distributed healthcare information technologies, and future trends.
	LIBA	ADVANCED BUSINESS GERMAN	Advanced Business GermanP: fourth-year proficiency or consent of instructor. Focus is on the contemporary business idiom and current economic issues facing Germany. Active practice of specialized business language, both for oral and written communication.
		ADVANCED REMOTE SENSING	Advanced Remote Sensing: Digital Image ProcessingP: G336 or consent of instructor. Advanced remote sensing theory and digital image processing techniques with an emphasis on environmental applications. Hands-on computer exercises provide significant experience in introductory digital image processing for extraction of qualitative and quantitative information about Earth's terrestrial environments. Lecture and laboratory.
		ADVERTISING ISSUES & RESEARCH	Problems in AdvertisingP: J320 and permission of the instructor. Seminar on current developments and problems concerning advertising as an economic and social force. Stresses independent investigation on topics such as politics and advertising and advertising and public taste.
		AFRICAN AMERICAN POLITICS	African American PoliticsExamines the African American political condition, with special emphasis on political thought and behavior. Analyzes not only how the political system affects African Americans, but also the impact African Americans have on it. Themes for this course may vary. PUL=2
		AFRICAN DIASPORA:GLBL PERSPECT	Globalization, Struggle, and Empowerment in the African DiasporaExamines the shared cultural, political, social, and intellectual responses to the transoceanic experiences of African diasporic populations. Utilizes interdisciplinary tools and perspectives to understand the impact of colonialism, imperialism, and globalization on African populations of the United States, Canada, Great Britain, and selected Western European nations during the modern era.
		AIDS AND SOCIETY	AIDS and SocietyP: R100 or consent of instructor. This course examines the HIV/AIDS epidemic from a sociological perspective. Students will explore how social factors have shaped the course of the epidemic and the experience of HIV disease. The impact of the epidemic on health care, government, and other social institutions will also be discussed.
		AMERICAN CONSTITUTIONAL HIST 1	American Constitutional History II: 1607-1865. II: 1865-present. Changing constitutional system from seventeenth-century colonies to contemporary nations. Structure of government: federalism, division of powers, political institutions. Relationship of government to society and economy. Civil liberties and democracy. Constitutional law and politics.
		AMERICAN ETHNIC & MINORITY LIT	American Ethnic and Minority LiteratureAnalysis of literature by and about immigrants from diverse cultures as well as ethnic literature about groups such as African Americans, Appalachians, Hispanics, and Native Americans, from a historical and thematic perspective.
		AMERICAN HISTORY I	American History II. Colonial period, Revolution, Confederation and Constitution, national period to 1865. II. 1865 to present. Political history forms framework, with economic, social, cultural, and intellectual history interwoven. Introduction to historical literature, source material, and criticism.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	AMERICAN HISTORY II	American History III. Colonial period, Revolution, Confederation and Constitution, national period to 1865. II. 1865 to present. Political history forms framework, with economic, social, cultural, and intellectual history interwoven. Introduction to historical literature, source material, and criticism.
		AMERICAN INDIAN PHILOSOPHIES	American Indian PhilosophiesAn examination of the philosophical views, themes, and implications of North American Indian traditions, with applications to variety of cross-cultural and philosophical issues. PUL=5
		AMERICAN RELIGION	American ReligionA consideration of American religion, with particular emphasis on the development of religious diversity and religious freedom in the context of the American social, political, and economic experience.
		ANTHROPOLOGY SENIOR CAPSTONE	Senior ProjectAn independent study course, taken toward the end of undergraduate studies in which students apply their anthropological expertise to projects that range from original research to applied work in the community. Students work on individual projects of their own design in consultation with faculty supervisors. Registration is by instructor authorization.
		BIOMEDICAL ETHICS	Biomedical EthicsA philosophical consideration of ethical problems that arise in current biomedical practice, e.g., with regard to abortion, euthanasia, determination of death, consent to treatment, and professional responsibilities in connection with research, experimentation, and health care delivery.
		BRITAIN BEFORE 1688	Britain II: Britain before 1688. Development of Britain and its institutions from Roman times to the Glorious Revolution, with special emphasis on political and constitutional change. II: Britain since 1688. Examines important modern political, economic, social, and cultural developments, including industrialization and imperialism and the emergence of ideologies like liberalism and socialism.
		BRITAIN SINCE 1688	Britain III: Britain before 1688. Development of Britain and its institutions from Roman times to the Glorious Revolution, with special emphasis on political and constitutional change. II: Britain since 1688. Examines important modern political, economic, social, and cultural developments, including industrialization and imperialism and the emergence of ideologies like liberalism and socialism.
		COMPARATIVE RELIGIOUS ETHICS	Comparative Religious EthicsComparisons of ethical traditions and moral lives in the world's religions. The focus will be how formative stories, exemplary figures, central virtues, ritual practices, etc., clarify different traditions' understandings of key moral issues, rights, and roles.
		CONTROL OF CRIME	Control of CrimeP: R100 or consent of instructor. History, objectives, and operation of the crime control system in relation to its sociopolitical context. Critical examination of philosophies of punishment and programs of rehabilitation.
		CRIME & SOCIETY	Crime and SocietyP: R100 or consent of instructor. Examination of the creation, selection, and disposition of persons labeled criminal. Emphasis on crime as an expression of group conflict and interest. Critique of academic and popular theories of crime and punishment.
		CURRENT ECONOMIC ISSUES	Current Economic IssuesP: E201 or permission of instructor. Current economic issues, problems, and research methods. Designed to explore in depth an economic issue currently before the public or to examine a particular aspect of the methodology of economics. Examples would be a study of the economic aspects of discrimination, a study of urban economic policy, or a study of simplified models in economics.
		DEVIANC AND SOCIAL CONTROL	Deviance and Social ControlP: R100 or consent of instructor. An introduction to major sociological theories of deviance and social control. Analyzes empirical work done in such areas as drug use, unconventional sexual behavior, family violence, and mental illness. Explores both "lay" and official responses to deviance, as well as cultural variability in responses to deviance.
		DEVLPT ANTHROPOLOGICAL THOUGHT	The Development of Anthropological ThoughtAn overview of the major theoretical developments within anthropology, as the discipline has attempted to produce a universal and unified view of human life based on knowledge of evolution and prehistoric and contemporary cultures
		ECONOMIC DEVELOPMENT	Economic DevelopmentP: E201, E202, and junior standing or consent of instructor. Characteristics of economically underdeveloped countries. Obstacles to sustained growth; planning and other policies for stimulating growth; examination of development problems and experience in particular countries.
		ENVIRONMENTAL CONSERVATION	Environmental ConservationConservation of natural resources including soil, water, wildlife, and forests as interrelated components of environmental quality.
		EUR IN THE TWENTIETH CENT II	Europe in the Twentieth Century IIDiplomatic, economic, intellectual, military, political, and social developments within Europe from World War I to present; changing relationships between Europe and other parts of the world.
		EVOLUTION & PREHISTORY	Evolution and PrehistoryP: junior standing. An advanced survey of human biological and cultural evolution from pre-Pleistocene hominids through the development of urbanized state societies. (Not open to students who have taken A103.)
		FAMILIES AND SOCIETY	Families and SocietyP: R100 or consent of instructor. The family is a major social institution, occupying a central place in people's lives. This course explores formation and dissolution of marriages, partnerships, families; challenges family members face, including communication and childrearing; reasons for and consequences of change in American families; and how family patterns vary across and within social groups.
		FIELD EXPERIENCE IN ANTH	Field Experiences in AnthropologyP: permission of instructor. A supervised field experience in a selected area of anthropology. May not be repeated for more than 6 credit hours. PUL=3; RISE=E
		GENDER AND POLITICS	Women and PoliticsAnalysis of women in contemporary political systems, domestic or foreign, with emphasis on political roles, participation, and public policy. Normative or empirical examination of how political systems affect women and the impact women have on the system(s).
		GENDER AND SOCIETY	Gender and SocietyP: R100 or consent of instructor. A sociological examination of the roles of women and men in society, analysis of the determinants and consequences of these roles, and assessment of forces likely to bring about future change in these roles. Although focus will be on contemporary American society, cross-cultural variations in gender roles will also be noted.
		GENDER AND WORK	Gender and WorkP: R100 or consent of instructor. This course examines the changing roles that women and men play in paid and unpaid work, and how these roles are socially constructed through socialization practices, social interaction, and actions of social institutions. The interaction of gender, race, ethnicity, and social class on individuals' involvement in work will also be explored.
		GIS & ENVIRON ANALYSIS	Seminar in Geographic Information ScienceP: G336, G338, and G436 or G438. Applications of geographic information science principles in the collection and analysis of spatial data. Integration of GIS, remote sensing, and/or GPS technologies. Review of current literature on techniques, theory, technology, and applications with an emphasis on environmental issues. Discussions, laboratory, and research project. May substitute for the G491 capstone course.
		GREEK HISTORY	Greek HistoryPolitical, social, and economic developments in the Greek world from the age of Mycenae and Troy until the Roman conquest (30 BC). Greek colonial world, Athens and Sparta, career and legend of Alexander the Great, the Hellenistic age. Archaeology as a source of political and social history. (Equivalent to HIST C386; students may not receive credit for both courses.)

SUST Spheres	2	<b>2 = Courses that Include Sustainability (based on @ least 2 SUST areas)</b>
--------------	---	--

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	GRK HIST-MINOANS TO ALEXANDER	Greek HistoryPolitical, social, and economic developments in the Greek world from the age of Mycenae and Troy until the Roman conquest (167 B.C.). Greek colonial world, Athens and Sparta, career and legend of Alexander the Great, the Hellenistic age. Archaeology as a source of political and social history.
		HISTORY OF ECONOMIC THOUGHT	History of Economic ThoughtP: E201-E202. Examination of main theoretical developments since the beginning of the systematic study of economics. Theoretical propositions and structures of the earlier writers will be interpreted and evaluated in terms of modern economic analysis.
		HISTORY OF JOURNALISM	History of JournalismAmerican social-intellectual history integrated with the story of news media development, emphasizing the historical relationship of the mass media to American social, economic, and cultural patterns and developments. Origin, growth, shortcomings, and achievements of media. Impact of society on the media and vice versa.
		HISTORY OF WESTERN CIVILIZ 1	History of Western Civilization II. Rise and fall of ancient civilizations; barbarian invasions; rise, flowering, and disruption of medieval church; feudalism, national monarchies. II. Rise of middle class; parliamentary institutions, liberalism, political democracy; industrial revolution, capitalism, and socialist movements; nationalism, imperialism, international rivalries, world wars.
		HISTORY OF WESTERN CIVILIZ 2	History of Western Civilization III. Rise and fall of ancient civilizations; barbarian invasions; rise, flowering, and disruption of medieval church; feudalism, national monarchies. II. Rise of middle class; parliamentary institutions, liberalism, political democracy; industrial revolution, capitalism, and socialist movements; nationalism, imperialism, international rivalries, world wars.
		HUMAN GEOG IN CHANGING WORLD	Introduction to Human GeographyAn introduction to the principles, concepts, and methods of analysis used in the study of human geographic systems. Examines geographic perspectives on contemporary world problems such as population growth, globalization of the economy, and human-environmental relations.
		HUMAN GROWTH & DEVELOPMENT	Human Growth and DevelopmentThe study of human growth and development from a biocultural perspective including the physical mechanisms, and social, cultural, and environmental factors that lead to normal growth and development throughout the human life cycle. Causal factors, patterns of expression, and methods of assessment are stressed. Also available for graduate credit.
		IND PROJ/SEM MED HUM/HLTH STDS	Independent Project/Seminar in Medical Humanities and Health StudiesA seminar or research project on a subject in Medical Humanities and Health Studies. Requires a minimum of 9 credit hours in the minor. PUL=4
		INDIV READINGS IN SOCIOLOGY	Individual Readings in SociologyP: consent of instructor and 9 credit hours of sociology courses with at least a B (3.0) or higher. Investigation of a topic not covered in the regular curriculum that is of special interest to the student and that the student wishes to pursue in greater detail. Normally available only to majors through arrangement with a faculty member.
		INEQUALITY AND SOCIETY	Inequality and SocietyP: R100 or consent of instructor. Presentation of conservative and radical theories of class formation, consciousness, mobility, and class consequences. Relevance of social class to social structure and personality. Emphasis on the American class system, with some attention given to class systems in other societies.
		INTER-CULTURAL COMMUNICATION	Intercultural CommunicationP: C180 or permission of instructor. Cognitive, affective, and behavioral learning about intercultural and intracultural communication to increase understanding of the centrality of communication in the social, psychological, and environmental aspects of culture.
		INTERDIS APPRCH ENG & AMER LIT	Interdisciplinary Approaches to English and American Literature ISocial, political, and psychological studies in English and American literature. Topics may vary and include, for example, Freud and literature, responses to revolution, the literature of technology, and literature and colonialism.
		INTERMEDIATE MACROECON THEORY	Intermediate Macroeconomic TheoryP: E201-E202. Theory of income, employment, and price level. Study of countercyclical and other public policy measures. National income accounting.
		INTERMEDIATE MICROECON THEORY	Intermediate Microeconomic TheoryP: E201-E202, MATH M119. Theory of demand; theory of production; pricing under different market conditions; allocation and pricing of resources; partial and general equilibrium theory; and welfare economics. Analysis of current economic problems and technology changes in firms and industries.
		INTRNSHP PROGRAM IN SOCIOLOGY	Internship Program in SociologyP: R100, 9 credits of sociology with a B (3.0) or higher, junior standing with consent of instructor. This course involves students working in organizations where they apply or gain practical insight into sociological concepts, theories, and knowledge. Students analyze their experiences through work logs, a paper, and regular meetings with the internship director.
		INTRO TO CARIBBEAN LITERATURE	Introduction to Caribbean LiteratureIntroduces students who have a limited knowledge of the Caribbean region to the basic themes of Caribbean literature. Examines the ways in which Caribbean writers present a colonial past and its effect on Caribbean culture in their attempts to 'write back' to imperialist thought.
		INTRO TO HUMAN GEOGRAPHY	Introduction to Human GeographyAn introduction to the principles, concepts, and methods of analysis used in the study of human geographic systems. Examines geographic perspectives on contemporary world problems such as population growth, globalization of the economy, and human-environmental relations.
		INTRO TO INTL RELATIONS	Introduction to International RelationsAn introduction to the global political system and issues that shape relations among countries. The course looks at problems of conflict resolution, the role of international law and organizations, the challenges of poverty and development, and the other major policy issues over which nations cooperate, argue, or go to war.
		INTRO TO MACROECONOMICS	Introduction to MacroeconomicsP: E201. An introduction to macroeconomics that studies the economy as a whole; the levels of output, prices, and employment; how they are measured and how they can be changed; money and banking; international trade; and economic growth.
		INTRO TO MICROECONOMICS	Introduction to MicroeconomicsP: sophomore standing. E201 is a general introduction to microeconomic analysis. Discussed are the method of economics, scarcity of resources, the interaction of consumers and businesses in the market place in order to determine price, and how the market system places a value on factors of production.
		INTRO TO MICROECONOMICS: HON	Introduction to Microeconomics: HonorsDesigned for students of superior ability. Covers the same core materials as E201. PUL=5
		INTRO TO WOMEN'S STUDIES	Introduction to Women's StudiesThis introductory course examines both the relation of women's studies to other disciplines and the multiple ways in which gender experience is understood and currently studied. Beginning with a focus on how inequalities between women and men, as well as among women, have been explained and critiqued, the course considers the impact of social structure and culture on gender. The intersections of gender, race, class, sexual orientation, and age are investigated in both national and international contexts.
		INTRODUCTION TO LAW	Introduction to LawAn introduction to law as an aspect of government and politics, and as a means for dealing with major social problems. Students will study legal reasoning, procedures, and materials, and may compare other nations legal systems. The course usually includes a moot court or other forms of simulation. PUL=2

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	INTRODUCTION TO SOCIOLOGY	Introduction to SociologyP: W131 or consent of instructor. Consideration of basic sociological concepts, including some of the substantive concerns and findings of sociology, sources of data, and the nature of the sociological perspective.
		ISLAM & MODERNITY	Islam and ModernityThis course examines the issues and events that have shaped Muslims' understanding of the place of Islam in the modern world.? It focuses on the way Muslim thinkers have defined the challenge of modernity-politically, technologically, socially and religiously-and the responses that they have advocated.
		JUVENILE DELINQUENCY & SOCIETY	Juvenile Delinquency and SocietyP: R100 or consent of instructor. Legal definition of delinquency, measurement and distribution of delinquency. Causal theories considered for empirical adequacy and policy implications. Procedures for processing juvenile offenders by police, courts, and prisons are examined.
		LAMP SOPH SEM: BUS/HUMANITIES	LAMP Sophomore Seminar: Business and the Humanities<span>A topical seminar that introduces students to fundamental issues in the relationship between business and society. Topics vary with the instructor and year and include advertising in American culture and big business in American society. PUL = 2<span class='Apple-converted-space'> </span></span></span>
		LATIN AM: EVOLUTN & REVOLUTION	Latin America: Evolution and Revolution since IndependenceNational period: the struggle for independence; the nineteenth-century attempts to achieve political stability and economic progress; the efforts to attain social justice in the twentieth century, with emphasis on common problems.
		LATIN AMERICA: CONQST & EMPIRE	Latin America: Conquest and EmpireThe colonial period: Spanish, Portuguese, Indian, and African backgrounds; discovery, conquest, and settlement; economic, social, political, religious, and cultural life; the movement toward independence.
		LITERATURE FOR TODAY	Literature for TodayP: W131. Poems, dramas, and narratives pertinent to concerns of our times: e.g., works concerning values of the individual and society, problems of humanism in the modern world, and conflicts of freedom and order.
		MACHINES & AGE OF INVENTION	Machines and the Age of InventionThe history of invention and the industrialization of Britain during the eighteenth and nineteenth centuries, with the economic, social, demographic, and intellectual changes that resulted.
		MEDIA AS SOCIAL INSTITUTIONS	The Media as Social InstitutionsP: J300, senior standing. Examination of the functions and impact of the mass media in society with primary focus on the United States. Discussion of the values of media organizations and the professional and ethical values of journalists. Critical analysis of the relationship of the media and society and the effect of political, economic, and cultural factors on the operation of the media. I Sem., II Sem., SS.
		MEDICAL HUMANITIES & HEALTH	Introduction to Medical Humanities and Health Studies<address>The proposed new course is a multi- and interdisciplinary survey course in Medical Humanities & Health Studies with a focus on the contributions of different humanities and social science disciplines to the knowledge base of Western health care and medicine. A very introductory exposure to approximately seven to nine disciplinary perspectives on medicine and health care will be presented by MHHS faculty and guest lecturers representing their respective fields. A team of two faculty members from the MHHS Program will teach and coordinate the course content along comparative themes. They will review the content of the discipline-specific guest lectures in discussions along the lines of health care topics to illuminate the interplay of differing perspectives in understanding health care, and highlight the key characteristics of the traditional liberal arts disciplines represented [please see the attached sample syllabus]. The course will initially be offered twice during the academic year, beginning with Spring semester 2011. One section per semester will be taught with an enrollment cap of 45 students per section (90 per academic year). It is hoped that as the course becomes better known across the IUPUI campus, it will draw additional students from other schools, increasing enrollments not only for the course, but for related upper division liberal arts courses as well. (PUL 3, 2, 1A)</address>
		MEDICINE, HUMANITIES & LAW	A Body of Law: Medicine, Humanities, & LawAn introductory course into the intersection of law and medicine as viewed through the lens of the humanities. This course will focus on subtopics of law and medicine, including the legal bases of the doctor-patient relationship, bioethics and law, medical malpractice, and medical professionalization. Its purpose is to introduce students to the way the practice of medicine from both the physician and the patient perspectives is shaped by Constitutional, statutory, and common law. PUL=2, 5, 3
		MODERN MATERIAL CULTURE	Modern Material CultureThis course examines how contemporary social experience is impacted by material culture ranging from toys to theme parks. Focuses on how consumers perceive themselves and others in modern consumer culture through the medium of commodities and examines systems of inequality that are reproduced and subverted through consumption.
		NATIVE AMERICAN LITERATURE	Native American Literature<p>A survey of traditional and modern literature by American Indians, especially of the high plains and southwest culture areas, with particular attention to the image of the Indian in both native and white literature.?? PUL=5</p>
		ORIG OF MOD AMERICA 1865-1917	Origins of Modern America, 1865-1917Social, economic, cultural, and political ways in which Americans accommodated and resisted changes introduced by large-scale industrialization. Populism and progressivism receive special attention.
		PERSPECTIVES: WORLD TO 1800	Perspectives on the World to 1800Emergence of civilizations in the Near East, sub-Saharan Africa, pre-Columbian America. Role of revolutions, i.e., geographic, scientific, industrial, social, and political (American and French) in establishment of European hegemony in Asia and the Western Hemisphere.
		PERSPECTVS HLTH/DISEASE/HEALNG	Perspectives on Health, Disease, and HealingThe course utilizes the perspectives of the humanities and social science disciplines to provide students with a broader understanding of the many facets of health and disease, suffering and dying, as well as art and science of healing. PUL=3
		PHILOSOPHY AND CULTURE	Philosophy and CultureIn-depth consideration of a topic involving the interrelationship between philosophy and culture. May be repeated for credit.
		PHILOSOPHY OF SCIENCE	Philosophy of ScienceAn introductory study of theories with regard to the nature, purpose, and limitations of science.
		PILGRIMAGE IN WORLD RELIGIONS	Pilgrimage in World ReligionsPilgrimage is one of the most ancient practices of humankind and is associated with a great variety of religious and spiritual traditions. This class explores all aspects of the practice of pilgrimage or sacred journeying, from its nationalistic aspects, as with Medjugorje in Croatia, to its economic development aspects, the impact of the internet and globalization, pilgrimage an protest (as with Gandhi's famous salt march), and so on. The similarities and differences in the practice of pilgrimage in Islam, Hinduism, Buddhism, Christianity, and other religions and spiritual traditions, all the way to Graceland can be considered. What are the points of commonality? The reasons for pilgrimage vary greatly and were most famously described by Chaucer in his classic book The Canterbury Tales. Our class will explore the many dimensions of sacred travels. PUL=5,6,3; C/T
		POLITICAL GEOGRAPHY	Political GeographyAn examination of the spatial organization of political systems and the interaction of geographical area and political processes. Emphasis on the geographical characteristics of states and the geographical dimensions of international relations.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	POLITICAL SOCIOLOGY	Political SociologyAnalysis of the nature and basis of political power on the macro level-the community, the national, and the international arenas. Study of formal and informal power structures and of the institutionalized and non-institutionalized mechanisms of access to power.
		PRACTICUM IN APPLIED ANTH	Practicum in Applied AnthropologyP: permission of instructor. An arranged experience in applied anthropology, appropriate to individual career goals. The student will work with an approved community group or organization in a specific project that facilitates the integration of previous course work and experience in a practical application. May not be repeated for more than 6 credit hours.
		RACE & ETHNIC RELATIONS	Race and Ethnic RelationsP: R100 or consent of instructor. Comparative study of racial, ethnic, and religious relations. Focus on patterns of inclusion and exclusion of minority groups by majority groups. Discussion of theories of intergroup tensions-prejudice and discrimination-and of corresponding approaches to the reduction of tensions.
		RDGS - MED HUMANITES/HLTH STDS	Readings in Medical Humanities and Health StudiesIndividual readings and research. May be repeated once for credit on a different subject.
		READINGS & RSCH IN GENDER STDS	Readings and Research in Women's StudiesP: W105 and consent of instructor and program director. Individual readings and research. May be repeated twice for credit with a different topic.
		RELIGION AND CULTURE	Religion and CultureAn introduction to the diversity of human cultures from the perspective of religious studies. The course uses a case study approach to understand how religion shapes, and is shaped by, culture and society. PUL=5
		RELIGION AND REVOLUTION	Religion and RevolutionFrom the founding of the United States to the current uprisings identified as the Arab Spring, religion and political and social revolution often seem to be curious yet common travel partners. This course will ask why and how religion and political revolution travel together. How do religious language, symbols, and identities shape writing and other forms of discourse? How has religion or a critique of religion informed many of the larger social movements of the modern era (slave resistance, black power, feminism, workers' rights, democratic participation and citizenship)? This course will focus on works that foreground the interaction between religion and revolutionary movements throughout the modern era. PUL=2,5,6; C/T
		RELIGION AND VIOLENCE	Religion and ViolenceExamines the relationship between religion, violence, and society in light of recent global events, drawing on a range of classical and modern texts concerning religious justifications for non-ritualistic bloodshed. Focusing on Judaism, Christianity, and Islam, themes addressed include otherness, transgression, revenge, torture, retribution, with special attention paid to religious terrorism.
		RELIGION BEHIND BARS	Religion Behind BarsThis course will explore punishment, prison, and the prison industrial complex's relationship to religion. The course will examine the development of the prison in the Western world, specifically the United States, and its relationship to religious norms, values, and institutions. In addition to the historical evolution of prison and the prison industrial complex, this course will also address the current prison system and the role of religion in the contemporary moment. Finally, this course will look at how religion is shaped in and by the prison system and the prison industrial complex. PUL=5,6; C/T
		RELIGIONS, ETHICS, AND HEALTH	Religions, Ethics, and HealthThe positions of religious ethical traditions on issues such as the control of reproduction, experimentation with human subjects, care of the dying, delivery of health care, physical and social environments, and heredity. May be repeated once for credit under different focus.
		REVOLUTIONARY AMERICA	Colonial and Revolutionary America IIEuropean background of American history; discovery and exploration of New World by Spain, France, and England. Colonization: motives, causes, types. Social and intellectual developments in English colonies in the seventeenth and eighteenth centuries. Birth of Republic, 1763-89.
		ROMAN HISTORY	Roman HistoryPolitical, social, and economic developments in the Roman world from the age of Kings to the late Roman Empire (Equivalent to HIST C387; students may not receive credit for both courses.) PUL=2,5
		SELECTED TPCS IN U.S. EC HIST	Selected Topics in U.S. Economic HistoryP: E201-E202. Analysis of selected topics, including transportation developments, government intervention, systems of property rights, slavery, economic growth, income distribution, economic stability, technical change, and others.
		SEMINAR-MEDICAL ANTHROPOLOGY	Medical AnthropologyA cross-cultural examination of human biocultural adaptation in health and disease, including biocultural epidemiology; ethnomedical systems in the prevention, diagnosis, and treatment of disease; and sociocultural change and health. Also available for graduate credit. PUL=3,4,5
		SENIOR SEMINAR	Senior SeminarP: E321 and E322 or permission of instructor. Assessment of the current state of economic knowledge and discussion of how economics is applied to study the problems facing modern society. Senior SeminarThis course examines the present state of anthropology, strategies for career development, and issues involved in using and applying anthropology. Designed to be taken toward the end of undergraduate studies, usually in conjunction with the A412 Senior Project, this course is generally restricted to anthropology majors. Registration is by instructor authorization.
		SEXUALITY AND SOCIETY	Sexuality and SocietyP: R100 or consent of instructor. Provides a basic conceptual scheme for dealing with human sexuality in a sociological manner.
		SOC & STATE IN THE MOD WORLD	Society and State in the Modern WorldTopics, issues, and key figures in modern political philosophy, e.g., distributive justice, state authority, and the political thought of Hobbes, Locke, Rousseau, Mill, Marx, and Rawls.
		SOC FACTORS IN HLTH & ILLNESS	Social Factors in Health and IllnessP: R100 or consent of instructor. Examines the social aspects of health and illness, including variations in the social meanings of health and illness, the social epidemiology of disease, and the social dimensions of the illness experience.
		SOC ORGANIZATION OF HLTH CARE	Social Organization of Health CareP: R100 or consent of instructor. Surveys the nature of, and recent changes in, the health care delivery system in the United States. Patient and professional roles and the characteristics of different health care settings are explored. Current debates about the nature of the professions and professional work are emphasized.
		SOCIAL & CULTURAL BEHAVIOR	Social and Cultural BehaviorP: junior standing. An advanced survey of cultural and social processes that influence human behavior, with comparative examples from different ethnic groups around the world. (Not open to students who have taken A104.)
		SOCIAL PROBLEMS	Social ProblemsSelected current "problems" of American society are analyzed through the use of basic sociological data and the application of major sociological frameworks. Policy implications are discussed in light of value choices involved in various solutions.
		SOCIAL THEORY	Social TheoryP: R100 or consent of instructor. This course covers several traditions of classical, contemporary, and post-modern social thought (e.g., social Darwinism, conflict theory, functionalism, symbolic interactionism, critical theory, and feminist theory). The social context, construction, and application theories are included.
		SOCIOLOGY CAPSTONE SEMINAR	Sociology Capstone SeminarP: R100, R351, R355 (or R356 or R357) and senior status. Designed to help graduating senior sociology majors to synthesize and demonstrate what they have learned in their major while readying themselves for a career and/or graduate study.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	LIBA	SOCIOLOGY OF DEATH & DYING	Sociology of Death and DyingP: R100 or the consent of instructor. This course examines inevitable and salient features of the human condition. Historical evaluation of images and attitudes toward death, the medicalization of death, the human consequences of high-tech dying, the role of the family in caring for dying loved ones, the emergence and role of hospices, the social roles of funerals, grief and bereavement, euthanasia and suicide, the worlds of dying children and grieving parents, and genocide are major issues that are addressed. Two of the major themes of the course revolve around the idea that the way we die is a reflection of the way we live; and, that the study of dying and death is an important way of studying and affirming the value of life.
		SOCIOLOGY OF DISABILITY	Sociology of DisabilityP: R100 or consent of instructor. An examination of current models of disability and of disability at the interpersonal and societal level. Topics include recent legal, social, and educational changes; the ways in which people with disabilities interact with the nondisabled; the role played by relatives and caregivers; and the image of people with disabilities in film, television, and other media. Recommended for students in nursing, education, physical and occupational therapy, and social work, as well as for the medical sociology minor. Available for graduate credit.
		SOCIOLOGY OF EDUCATION	Sociology of EducationP: R100 or consent of instructor. A survey of sociological approaches to the study of education, covering such major topics as education as a social institution, the school in society, the school as a social system, and the sociology of learning.
		SOCIOLOGY OF RELIGION	Sociology of Religion
		SOCIOLOGY OF WORK	Sociology of WorkP: R100 or consent of instructor. Analysis of the meaning of work, the dynamic social processes within work organizations, and environmental constraints on organizational behavior.
		SPORTS AND SOCIETY	Sports and SocietyThis course will examine the importance sports and leisure activities play in society.?? From local examples such as Indiana motorsports and high school basketball, to international examples such as the Olympics and World Cup, we will examine sports from the perspective of athletes and fans, look at sports as an increasingly important business, and discuss how sports have been a significant agent for social change (including Title Nine, and the integration of major league baseball).
		SR COLLOQUIUM IN WOMENS STUD	Senior Colloquium in Women's StudiesP: consent of instructor. This is a culminating interdisciplinary course for advanced students who are prepared to present the results of an original major research effort on a topic in women's studies. Participants will be expected to read and evaluate the presentations of other students and participating faculty.
		STUDIES IN AMERICAN CULTURE	Studies in American Culture<p>Surveys the American cultural landscape, from topics in popular culture, like comics, to specific eras of literary production, like the Harlem Renaissance. May be repeated once for credit. PUL=5</p>
		SURVEY OF INTERNATIONAL ECON	Survey of International EconomicsP: E201-E202. Survey of international economics. Basis for and effects of international trade, commercial policy and effects of trade restrictions, balance of payments and exchange rate adjustment, international monetary systems, and fixed vs. flexible exchange rates. Students who have taken E430 many not enroll in E303 for credit.
		SURVEY OF LABOR ECONOMICS	Survey of Labor EconomicsP: E201. Economics problems of the wage earner in modern society; structure, policies, and problems of labor organizations; employer and governmental labor relationships.
		THE AFRICAN AMER EXPERIENCE	The African American ExperienceThis integrator course introduces students to the methodological and analytical tools needed to understand the historical background, contemporary challenges, and current policy debates about issues confronting the African American community, such as credit market discrimination, affirmative action, and reparations. A chief goal of the course is to expose students to broad themes in African American history, while also providing them with the necessary interdisciplinary tools-both qualitative and quantitative-to analyze contemporary economic problems and prospects. PUL=1A
		THE BIBLE AND CULTURE	The Bible and CultureA cultural introduction to this central text of Western civilization. Explores some of the Bible's major themes and literatures in their original context. Examines how the Bible's Jewish and Christian parts relate to each other and how biblical stories, concepts, and ethics have been interpreted and have influenced later culture. PUL=5
		THE ECONOMICS OF INDUSTRY	Economics of IndustryP: E201 or permission of instructor. A theoretical and empirical analysis of the structure, conduct, and performance of major American industries. Emphasized is the degree of competition in various markets, how markets operate under conditions of competition or monopoly, and competition as a dynamic process over time.
		THE HISTORY OF WORK IN AMERICA	History of Work in AmericaExamines the major transformations in the lives of American working people from the colonial era to modern times. The course explores shifting patterns of work, working class life and community, organized labor movements, and the relationship of workers and unions to the state.
		THE REFORMATION	The ReformationEconomic, political, social, and religious background of Protestant Reformation; Lutheran, Reformed, Anglican, and Anabaptist movements, with reference to their political and theological trends; Catholic Reformation.
		THE UNITED STATES 1917-1945	United States History, 1917-1945Political, demographic, economic, and intellectual transformations of 1917-1945; World War I, the twenties, the Great Depression, New Deal, World War II.
		THEORIES OF RELIGION	Theories of ReligionTheorists of religion explore the what, why, and how of religions. What is religion? Why are people religious? How do religions shape meaning in people's lives, cultures, and societies? This advanced seminar examines classical to contemporary theories. Open to all majors. Fulfills Religious Studies senior capstone. Offered fall semesters.
		TOPICS IN AFRICAN-AMERICAN LIT	Topics in African American LiteratureFocuses on a particular genre, time period, or theme in African American literature. Topics may include twentieth-century African American women's novels, black male identity in African American literature, or African American autobiography. May be repeated once for credit with different focus.
		TOPICS IN ANTHROPOLOGY	Topics in Anthropology: (variable title)A conceptual examination of selected topics in the field of anthropology. May not be repeated for more than 6 credit hours.
		TOPICS IN APPLIED SOCIOLOGY: TOPICS IN SOCIOLOGY	TOPICS IN APPLIED SOCIOLOGY: Topics in SociologyP: variable with topic. Exploration of a topic in sociology not covered by the regular curriculum but of interest to faculty and students in a particular semester. Topics to be announced.
		TOPICS IN WOMEN'S STUDIES	Topics in Women's Studies: (variable title)An interdisciplinary study of selected themes, issues, and methodologies in women's studies. May be repeated for up to 6 credit hours.
		TPCS MED HUMANITIES/HLTH STDS	Topics in Medical Humanities and Health StudiesIntensive study and analysis of selected issues and problems in Medical Humanities and Health Studies. Topics will ordinarily cut across fields and disciplines. May be repeated once for credit on a different topic.? Fall 2010: Culture of Mental Illness.
		U.S. SINCE WORLD WAR II	United States History since World War IIPolitical, demographic, economic, and intellectual transformations of 1945-present: Cold War, problems of contemporary America.



SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	<b>LIBA</b>	UNITED STATES, 1789-1865 I	United States, 1789-1865 I Political, economic, and social development of United States from Washington's presidency through the Civil War. Growth of political, religious, educational, and other social institutions, and contributions of Hamilton, Jefferson, Jackson, Webster, Marshall, Lincoln. Agriculture, manufacturing, commerce, labor.
		UNITED STATES, 1789-1865 II	United States, 1789-1865 II Political, economic, and social development of United States from Washington's presidency through the Civil War. Growth of political, religious, educational, and other social institutions, and contributions of Hamilton, Jefferson, Jackson, Webster, Marshall, Lincoln. Agriculture, manufacturing, commerce, labor.
		URBAN ANTHROPOLOGY	Urban Anthropology Anthropological perspectives on contemporary American cities. Topics to be covered include (among others): changes in the nature of cities from manufacturing sites to spaces for consumption and tourism; gentrification; racial and ethnic diversity in cities; urban social movements and new models for social services.
		URBAN GEOGRAPHY	Urban Geography Study and interpretation of urban spatial structures, design, policies, and problems with an emphasis on the geographic perspective. Topics include urban housing markets, racial segregation, homelessness, and urban crime.
		URBAN POLITICS	Urban Politics Political behavior in modern American communities; emphasizes the impact of municipal organization, city officials and bureaucracies, social and economic notables, political parties, interest groups, the general public, and protest organizations on urban policy outcomes.
		VICTIMOLOGY	Practicum in Victimology P: R100 or consent of instructor. The role of the victim in the criminal justice system is examined through both course work and practical experience as a volunteer with the Marion County Prosecutor's Witness-Victim Assistance Program. Recommended for students with interest in deviance, criminology, law, criminal justice, and social service.
		WEALTH EXCH & PWR IN ANTH PERS	Wealth, Exchange, and Power in Anthropological Perspective This course examines cultural patterns of production, exchange, and consumption, with an emphasis on non-Western societies and how these factors influence economic development in the Third World.
		WOMEN AND HEALTH	Women and Health P: R100 or consent of instructor. A review of the relationships among cultural values, social structure, disease, and wellness, with special attention focused on the impact of gender role on symptomatology and access to health care. Selected contemporary health problem areas will be examined in depth. Alternative models of health care delivery will be identified and discussed.
		WOMEN, RACE, CULTURE, AND EDUC	Women of the Diaspora: Race, Culture, and Education Introduce students to film, music, poetry, literature, and writing dealing with the experiences of women throughout the African Diaspora, with emphasis on Sub Saharan Africa, Central America, North America, and the Caribbean. Students will be required to read four books in addition to short stories, poetry, and scholarly articles on the topic.
	<b>LSTU</b>	CLASS, RACE, GENDER & WORK GLOBAL PBLMS:LOCAL SOLUTIONS GLOBALIZATION AND LABOR	Class, Race, Gender, and Work GLOBAL PBLMS:LOCAL SOLUTIONS Globalization and Labor This course explores the globalization of trade, production, and migration and the effects of these processes on American workers. Through reading, discussion, and problem formation, students will critically think about the ways global processes and policies impact American workers' daily lives, analyze existing historical and current justifications for offshore production and the dismantling of barriers to trade and investment, and explore alternatives to these policies.
		OCCUPATIONAL HEALTH & SAFETY	Occupational Health and Safety This course reviews elements and issues of occupational health and safety. It emphasizes the union's role in the implementation of workplace health and safety programs, worker and union rights, hazard recognition techniques, and negotiated and statutory remedies-in particular the OSHA Act of 1970.
	<b>NURS</b>	WORKPLCE DISCRIM/FAIR EMPLOYMNT COMPREHENSIVE HLTH ASSESSMENT	Workplace Discrimination and Fair Employment Comprehensive Health Assessment (Traditional, Accelerated, and R.N.-B.S.N.) P: All third- semester nursing courses; P/C: Anatomy, Physiology, or Microbiology; C: B245. This course focuses on helping students acquire skills to conduct a comprehensive health assessment, including the physical, psychological, social, functional, and environmental aspects of health. The process of data collection, interpretation, documentation, and dissemination of assessment data will be addressed.
		FAMILIES AND POPULATIONS	Transitional Care of Families and Populations (Traditional, Accelerated) Using the childbearing family as an extensive exemplar, this course focuses on family and community health: community assessment, epidemiology, and intervention with individuals, families, communities and populations. Students address prenatal care, normal and high risk pregnancy and childbirth, newborn care, genetic counseling, care coordination, complementary care, and environmental health.
		GLOBAL HEALTH ISSUES IN NURS	Global Health Issues in Nursing This course focuses on global health issues, the conditions that contribute to global health disparities, and nursing interventions. Conceptual models and health equity concepts, evidence-based practice, and health care delivery systems are analyzed to explore strategies for addressing global health issues. Students investigate issues and advocate for health justice.??
		HEALTH ASSESSMENT FOR 2ND DEGR HEALTH ASSESSMENT: PRACTICUM	HEALTH ASSESSMENT FOR 2ND DEGR Comprehensive Health Assessment: Practicum (Traditional, Accelerated, and R.N.-B.S.N.) P: All third-semester courses; C: B244. Students will have the opportunity to use techniques of interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the life span in simulated and actual environments.
		HEALTH CARE DELIVERY SYSTEMS	Health Care Delivery Systems (Traditional, Accelerated) Students examine health care delivery systems, leadership, health policy, regulation and economics. Students explore quality practices of health care organizations. Students analyze the impact of informatics on health care and nursing including the electronic health record, information technology in healthcare, and information literacy.
		INTERACTIVE PROCESSES	Clinical Nursing Care 2: Interactive Processes (Traditional, Accelerated) This course focuses on nursing care management of individuals and families experiencing acute and chronic health problems related to interaction with the environment and others: sensory, motor, cognitive, affective, and interpersonal processes. Using a holistic approach this course addresses health problems occurring across the lifespan.
	<b>PBHL</b>	ADV HEALTH FINANCE & BUDGETING	Advanced Health Finance and Budgeting P: H352. This course builds upon H352 Health Finance and Budgeting as well as examines the uses of contractual language and obligations. It uses a series of case studies to apply techniques and principles taught in SPEA-H 352.
		AIR POLLUTION IN THE COMMUNITY	Air Pollution and Control A survey course covering the chemistry, transport, and fate of air pollutants related to current issues of air quality, such as photochemical smog, ozone depletion, particulate matter, and indoor air quality. Topics include the types, sources, health and environmental effects, measurement, evaluation, control, regulation, and modeling of air pollution concentrations.
		APPLIED HEALTH CARE ADMIN	Applied Health Care Administrations P: H320. This course is a study of the complexities of multi-institutional arrangements and integrated services in the U.S. health care industry. The focus is on applying management skills to, and making comparisons of, the current driving forces among health care delivery system components.

SUST Spheres	2	<b>2 = Courses that Include Sustainability (based on @ least 2 SUST areas)</b>
--------------	---	--

Row Labels	Course Academic Group	Course Description	Course Description Value
	PBHL	APPLIED HLTH PROMOTION METHODS	Applied Health Promotion Methods<p>This course provides students with understanding, application, and practice of key methods in community health promotion including health communication, health education, health policy, and community mobilization strategies. Application of theory and implementation of methods at individual and community levels are addressed.</p>
		ARMED CONFL NATURAL DIS & HLTH CAPSTONE EXPERIENCE BSPH CH	ARMED CONFL NATURAL DIS & HLTH Capstone Experience: BSPH in Community Health This course integrates public health theory and practice in an applied practice setting. The capstone experience is tailored to students' expected post-baccalaureate goals. A variety of public health experiences are available, including an internship, a service-learning project, a portfolio project, a research paper, and an honors thesis.
		CAREERS IN PUBLIC HEALTH	Careers in Public Health This undergraduate course will expose students to a variety of public health careers. Students will hear from public health professionals who hold a variety of positions in epidemiology, environmental and occupational health, social and behavioral sciences, public health preparedness, biostatistics, maternal-child-family health, chronic and infectious disease prevention, and health policy and management. Professionals from the private and public sectors will introduce students to the many careers in public health and to the various roles and functions of public health professionals. The course will focus on careers at all levels of education; bachelor's degree, master's degree and doctoral degree levels.
		CHRONIC & LONG-TERM CARE ADMIN	Chronic Long-Term Care AdministrationAdministering programs across the continuum of care including nursing homes, hospice, home health, and assisted living; Medicare and Medicaid financing; quality improvement; care management; and needs of special populations, particularly, vulnerable elders.
		CLTR COMP IN PROMOTION OF HLTH	Cultural Competency in the Promotion of Health This course will prepare students to conduct health related work in a multicultural environment where health and health care have varied meanings.
		COMMUNITY HEALTH	Community Health This course provides learning opportunities for public health undergraduate students to develop an understanding of factors that distinguish personal health--individual actions that affect the health of an individual and those close to him or her--from community health, which refers to the health status of a defined group of people and the actions, policies, structures, and conditions that promote, protect and preserve the health of communities.
		ENV HTH SCI TEC MGT WAT&WASTE	Environmental Health Science Technology: Managing Water and WastesTechnology approach to preventing the transmission of disease among humans through water and wastes. Course focuses on drinking water treatment and distribution, water quality and pollution, wastewater treatment, storm water management, municipal solid waste, and hazardous waste management.
		ENVIR SCI & HLTH DATA ANALYSIS	Environmental Science and Health Data AnalysisP: SPEA-H 316, SPEA-K 300, 1 semester of chemistry. Provides students with an understanding of basic principles needed to perform sampling and analysis of field and laboratory environmental data. Topics include properties of chemical and biological constituents, detection limits, calibration, quality control, precision accuracy, and statistical analysis.
		ENVIRONMENTAL HEALTH SCIENCE	Environmental Health ScienceA study of human interaction with the environment and potential impacts of environmental agents on health and safety. Hazards from natural sources and human activities that contaminate our air, land, water, food, homes, neighborhoods, and workplaces are examined. Environmental control activities, including pollution control technology and policy, are also examined.
		ENVIRONMETAL HEALTH INTERNSHP	Environmental Health Science InternshipOpen to interested students upon approval of the faculty. Students are placed with governmental agencies or private and not-for-profit organizations or governmental units for assignment to a defined task relevant to their educational interests in environmental health science. Tasks may involve staff work or research. May be repeated for credit. Course is graded S/F (Satisfactory/Fail).
		FUNDAMENTALS OF TOXICOLOGY	Introduction to Environmental Toxicology Study of toxic mechanisms, pathology, and disease development resulting from exposure to biological and chemical agents in the environment.
		GLOBAL PUBLIC HEALTH	Global Public Health All public health is global in today's world. This course will explore the key global public health issues that face countries in the world with higher, middle, and lower income resources. The health policy issues that affect public health outcomes in various political, cultural, and economic environments will be analyzed. New, innovative solutions to global public health problems will also be discussed.
		HEALTH CARE ACCOUNTING	Health Care Accounting Course will provide students with a foundation in health care accounting from long-term care to acute care. The topics covered will include balancing sheet or statement of financial position, income statement or statement of revenue and expenses, journals, ledgers, trial balances and discrimination of formatting financial statements between acute care and long-term care organizations.
		HEALTH ECONOMICS	Health EconomicsThis course applies economics to the study of administrative and policy issues in the health care sector. Economic concepts are used to explain the system of health care financing and the organization of health care delivery in the U.S. The economic evaluation of health care programs is also discussed.
		HEALTH FINANCE AND BUDGETING	Health Finance and BudgetingP: BUS-A 200 or BUS-A 201. A study of the financial management of health care facilities based on generally accepted business principles. Accounting and managerial control of cash, accounts receivable, inventory control, budgeting, and cost control, as well as accounting and evaluation of short- and long-term debt will be examined.
		HEALTH POLICY	Health PolicyP: H320. This course will focus on current health policy issues within the context of the U.S. health care system. The course will familiarize students with the political environment of public policy, introduce major health care policy perspectives, and apply those analytical models to a series of health policy issues.
		HIGH RSK HLTH BEH&HARM REDUCTN	High-Risk Health Behavior and Harm ReductionSome individuals and groups are more likely to engage in high-risk health behaviors than others, which is costly to them and society. This class will focus on health risk related to sexual behavior, drug use, and homelessness.
		HLTH ADMINISTRATION ETHICS SEM	Health Administration Ethics SeminarP: SPEA-H320 and senior standing. This course examines healthcare ethical decision making challenges from managerial perspective and explores broader policy issues associated with ethical problems in healthcare institutions. It provides an overview of general theories of ethical decision-making and through case studies, debates and research examines ethical challenges in everyday managerial activities.
		INDUSTRIAL HYGIENE	Industrial HygieneSurvey of the technical and regulatory aspects of protecting the health and safety of workers. Topics include basic toxicology; skin, eye, and respiratory hazards; measuring hazardous atmospheres; ventilation systems; fire and explosion hazards; emergency response; occupational hearing loss; radiation; prevention of accidents; cumulative trauma; and personal protective equipment.
		INFLUENCING THE PUBLIC'S HLTH	Influencing the Public's Health: The Role of Policy<p>This course exposes students to the role of policy in influencing the health of human populations in our work, civil society and our own lives.?? Students from all disciplines will benefit from exploring empirical patterns and historical contexts that influence health policy decisions for our country's complex healthcare and public health systems. ???</p>

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	PBHL	INTRO TO COMMUNITY HEALTH	Introduction to Community HealthThis undergraduate course will expose students to a variety of public health careers. Students will hear from public health professionals who hold a variety of positions in epidemiology, environmental and occupational health, social and behavioral sciences, public health preparedness, biostatistics, maternal-child-family health, chronic and infectious disease prevention, and health policy and management. Professionals from the private and public sectors will introduce students to the many careers in public health and to the various roles and functions of public health professionals. The course will focus on careers at all levels of education; bachelor's degree, master's degree and doctoral degree levels.
		LEAN MTHDLGY IN HLTHCARE ORG	LEAN METHODOLOGY IN HEALTHCARE ORGANIZATIONS<span>Using a combination of experiential (learn by doing) and lectures, students will be introduced to: the history of Lean and its rise in healthcare, identification and quantification of the value of waste removal in process oriented work systems, Lean thinking, facilitation, tools and leadership. Students will work independently and in small groups.</span>
		LEGAL ASPECTS OF HLTH CARE ADM	Legal Aspects of Health Care AdministrationAn overview of the liability and legal responsibility, as well as legal recourse, that health care facilities may exercise. This course will discuss policies and standards relating to health facility administration. Also included is a discussion of financial aspects unique to the hospital/health care facility environment, such as third-party payments and federal assistance.
		OPERATIONS MGMT & QLTY IMPMT	Operations Management and Quality Improvement in HealthcareThis course provides an overview of the healthcare operations management (OM), with emphasis on quality improvement. ??You will apply OM principles to develop more effective operational processes, mitigate risks, and improve quality. ??Discussions, case studies and assignments will focus on strategies and techniques of quality improvement processes, project management and others.
		ORG BEHAV & HUM RESOURCE HLTHC	ORGANIZATIONAL BEHAVIOR & HUMAN RESOURCES FOR HEALTHCARE<span>This course introduces disciplines of organizational behavior and human resources management (HRM) and their application to the management of healthcare organizations. The course examines how to effectively manage individuals, teams and systems in the dynamic legal, social, and economic healthcare environment.</span>
		PUBLIC HEALTH SANITATION	Food Science and SanitationBasic concepts of food technology with emphasis on methods and procedures in food processing to minimize contamination and to prevent food-related illness. Federal, state, and local food laws and inspection procedures will be examined.
		REGIONAL CULTURES & MORTALITY TECHNIQUES IN ENVIR SCI & HLTH	REGIONAL CULTURES & MORTALITY Environmental Science and Health Data AnalysisBasic physical, chemical, and biological examinations and standards for potable water quality, wastewater treatment determinations, and stream pollution control. Basic physical, chemical, and biological (ergonomic) examinations used in industrial hygiene and air pollution control. Instruction in basic laboratory skills and techniques for performing these examinations.?
		TERRORISM PUBLIC HEALTH THREAT	Terrorism as a Public Health Threat<p>Explores mass casualty / high disruption weapons as a public health threat, with an emphasis on health protection of community members and first responders.?? We will examine multi-hazard emergency response frameworks; the structure/function of these weapons and their health effects; and the cycle of preparedness, response, recovery and mitigation.</p>
		THEORETICAL FOUND COMM HLTH	Theories of Health Behavior ChangeThis course will explore the theories of health behavior change that are used to develop health interventions for individuals and communities. Students will learn different theories, how to put them into practice, and how useful and practical they are for various populations.
		THIS STRESS IS KILLING ME	This Stress is Killing Me: Stress and Its Effects on YouThis course will teach you all about stress and its effect on your body and mind. You will learn the biology of stress, factors that protect you from stress or make you more vulnerable to it and the experience of stress in various settings, such as work, family and community. You will learn ideas about how to manage stress in your own life and be asked to create a plan to help better manage the stress that is in your life.
		TOPICS IN PUBLIC HEALTH	Topic in Public Health: Applied Health PromotionThis course provides students with understanding, application, and practice of key methods in community health promotion including health communication, health education, health policy, and community mobilization strategies. Application of theory and implementation of methods at individual and community levels are addressed.
		URBAN ANGST SUBURB BLUES PMH	Urban Angst.Suburban Blues: Public Mental Health<p>This online course will examine how the mental health of communities is influenced by geopolitical influences, SES, neighborhood, safety, culture, environment, community and other elements external to the individual. Using textbooks, case study readings, and multimedia we will analyze causes of mental (dis)ease in the general public and develop a stronger understanding of how the outside world can impact the health of the mind.</p>
	PED	CONSUMER HEALTH	CONSUMER HEALTH
		CULTURAL HERITAGE TOURISM	Cultural Heritage Tourism<p>Analyzes the integration of visitor interests/needs and the protection of cultural and heritage resources.?? Elements examined include the various cultural and heritage assets operable as tourism attractions in addition to the link between quality cultural heritage tourism and community development.?? Emphasis is placed on Indiana cultural and heritage tourism.</p>
		DRUG USE IN AMERICAN SOCIETY	Drug Use in American SocietyAn interdisciplinary approach to the study of drug use in American society. The course will examine the effects of alcohol, tobacco, and illicit drugs on the physical, mental, and social health of the individual.
		ECON TOURISM & EVENTS	Economics of Tourism and Events<p>Analyzes macro and micro economic concepts as they apply to the production, distribution, and consumption of tourism-related goods and services.?? Topics include tourism demand, competition among tourism suppliers, and benefits and costs of tourism development.</p>
		ESSENTIALS OF NUTRITION	Essentials of NutritionBasic nutrition and its application in meeting nutritional needs of all ages. Consideration is given to food selection, legislation, and community nutrition education programs.
		EXERCISE LEADERSHIP&PROG DESGN	Exercise Leadership and Program DesignThe course is designed to be a culminating experience for the fitness specialist student to demonstrate practical application of the theory, techniques and skills of safe, effective, efficient exercise leadership and program design in a variety of supervised settings with both apparently healthy and special populations.?? This course serves as a foundation for becoming a qualified candidate for the AGSM Health, Fitness Instructor national certification. </br>
		GLOBAL TOURISM SEMINAR	Global Tourism
		HLTH PROBLEMS IN THE COMMUNITY	HLTH PROBLEMS IN THE COMMUNITY
		MARRIAGE & FAMILY INTERACTION	Marriage and Family InteractionBasic personal and social factors that influence the achievement of satisfying marriage and family experiences.
		PERSONAL HEALTH	Personal Health Personal HealthAcquaints prospective teachers with basic personal health information and provides motivation for intelligent self-direction of health behavior with emphasis on responsibilities as citizens and as teachers. Study of physiological and psychological bases for health, drugs and other critical issues, and family health.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	PED	PHYS ACT PROG INDV DIS/SP POP PHYSICAL ACTIVITY AND DISEASE	TitlePhysical Activity Programming for Individuals with Disabilities and Other Special Populations Physical Activity and Disease: Prevention and TreatmentProvides an overview of the role of physical activity in the prevention of disease and disability.?? The cause of common diseases, physiological impact and treatment side effects of common diseases will be discussed to enable effective exercise prescription within special populations.
		PRIN/APPL OF LIFESTYLE WELLNS PRINCIPLES OF EVENT TOURISM	Principles and Applications of Lifestyle Wellness Principles of Event Management<p>Provides an introductory approach to planning and organizing events.?? Focus is on the operational principles of for-profit and non-profit event types, including sporting, cultural, social, and business.</p>
		SANIT/HLTH FOOD SVC LODG TOUR TOURISM MANAGEMENT PRINCIPLES	Sanitation and Health in Food Service, Lodging, and Tourism Tourism Management Principles<p>Builds upon the foundation of management through analysis and application in the tourism industry.?? Topics include strategic planning, risk management, international business and entrepreneurship.?? Students will examine principles of non-profit management, social responsibility and effective management of the workforce.</p>
	PHST	WOMEN'S HEALTH CONTEMP APPR TO PHILANTHROPY	Women's Health History of Philanthropy in the WestThis course examines the history of the social act of philanthropy from the ancient world to modern times (circa 1900).? Students will scrutinize both the history and historiography of 'philanthropy' what charity happened in past time, and what methods and sources modern historians use to write about such occurrences.? The course will involve analyzing allegedly benevolent human practices within the context of their social, political, and cultural histories.
		INTL HUMANITARIAN ASSISTANCE LEARNING BY GIVING	INTL HUMANITARIAN ASSISTANCE Learning By GivingThis course offers students the opportunity to combine the theory and practice of strategic philanthropy by granting \$10,000 to local nonprofit organizations. This course thus aims to teach grantmaking best practices and to prepare students for work in the field. This experience will familiarize students with local nonprofit organizations, expose them to local needs, and help them to develop their own grant-making strategy. One of the today's key discussions in the nonprofit sector is how to use strategically limited philanthropic resources in order to spur social change, have an impact, and leverage local resources. The first part of the course will introduce students to the multiple facets of strategic giving. In the second part of the course students will apply this knowledge to their own grant-making strategy. PUL=3
		PHILANTHROPY & THE HUMANITIES	Philanthropy and the HumanitiesThis?course draws from the humanities?(including?the arts, history, literature, philosophy, and religion)?to address the question of responsible action in philanthropy.? To whom or to what should a philanthropist be responsible??How should philanthropic action be done??Readings and discussions will involve and analysis of values, goals, purposes, moral claims, and aspirations that sometimes compete, conflict, or coexist uneasily in philanthropic action and organizations. PUL=6
		PHILANTHROPY AND THE SOC SCI	Philanthropy and the Social SciencesThis?course in the social sciences (including anthropology, communication studies, economics, ethnic studies, political science, psychology, and sociology) offers an introduction to the analytical approaches and perspectives that the social sciences bring to bear upon the study of philanthropy.? The course surveys the issues and diverse roles played by voluntary action and philanthropic organizations in society, as well as the problems and questions that shape social science research on understanding and improving the practice of philanthropy.
		PHILANTHRPY,CALLING,&COMMUNITY	Philanthropy, Calling, and Community This course explores the intersections and overlaps among the concepts of calling, community, and the public responsibility of citizens and professionals in a democracy to work together towards the common good. The readings from philosophical and cultural traditions, as well as historical and contemporary biographies, provide the groundwork for students to develop their ideas and have informed deliberations about their personal values, vocation, and commitment to making a difference in the world through their career, profession, or personal lives. PUL=6
	SCI	CAPSTONE PRCT IN CLINICL PSYCH	Capstone Practicum in Clinical Rehabilitation PsychologyB482 Capstone Practicum in Clinical Rehabilitation Psychology (3 cr.) P: B386 and consent of instructor. Students are placed in a clinical/community setting and gain applied practicum experience working with individuals who have psychological, medical, and/or physical health problems. Relevant multicultural issues will be addressed.
		ENVIRONMENTAL PROBLEMS ETHICS AND DIVERSITY IN PSY	Environmental Problems Ethics and Diversity in PsychologyThis course introduces students to values and professional issues in psychology, with an emphasis on ethics and diversity. Students will learn to recognize the importance of ethical behavior in all aspects of science and practice of psychology and that sociocultural factors and personal biases may shape research and practice.
		EVOLUTION OF THE EARTH & LIFE	Evolution of the Earth and LifeEvidence for evolution of the Earth and life in the rock record, Sequence of events, time of occurrence, rates of change. Interrelationships of principal themes: chemical evolution of the planet, evolution of the biosphere, plate tectonics, mountain building, and sea level changes. Bearing of evolution on human welfare.
		GLOBAL CHANGE BIOLOGY GLOBAL CYCLES	Global Change Biology Global CyclesSpring. The global environment is dominated by interlinking cycles of earth materials, chemicals, and biological components. This course will explore the major elements of the geochemical cycles found in the atmosphere, land, lakes, river, biota, and oceans, as well as the human impacts on these cycles. This course will take a global approach to geochemistry and environmental problems and will introduce fundamental concepts of meteorology, surficial geology (weathering, erosion, and sedimentation), biogeochemistry, limnology, and oceanography.
		INTRODUCTION TO PSYCHOLOGY	Introduction to PsychologyEquiv. to IU PSY-P 155 and PU PSY 12000. This foundational course introduces students to psychology as a systematic and scientific way to think about the biological and social aspects of behavior and mental processes. Topics include Research Methods, Behavioral Neuroscience, Sensation/Perception, Learning, Memory, Cognition and Language, Motivation/Emotion, Personality, Social, Stress and Health, Psychological Disorders and Treatment, and Life-span Development.
		PERCEPTION	PerceptionB334 Perception (3 cr.) P: B105. Equiv. to IU PSY P329 and PU PSY 310. Consideration of the concepts and research in perception. Relation of sense organ systems to human behavior. Some attention to social and cultural factors.

SUST Spheres	2	2 = Courses that Include Sustainability (based on @ least 2 SUST areas)
--------------	---	---

Row Labels	Course Academic Group	Course Description	Course Description Value
	SCI	POSITIVE PSYCHOLOGY	Positive PsychologyThis course is an introduction to Positive Psychology. The two main goals are for students to (1) learn about the content and science that informs Positive Psychology, and (2) apply in their own lives empirically-validated strategies that help people develop a happier and more meaningful life. This course will include a positive view of human functioning and a review of research and practices in Positive Psychology. Emphasis will be placed on science and its applications with regard to topics such as human strengths and values, neuroscience as it relates to happiness/mindfulness, gratitude, cultural (eastern/western) aspects of happiness/values, process vs. outcome, optimism, the new field of self-compassion, positive affect, coping, friendship and love, spirituality, and resilience.
		SCI AND HLTH PROF STDY ABROAD	Timmy Global Health - IUPUI ChapterSpring. This course will provide students with a culturally rich experience. There will be two components to this class: 1. Learning about the cultural, political, historical, and health-related aspects of the Dominican Republic through pre-, in-country, and post-trip mandatory classes. 2. Engaging with medical professionals, translators, fellow participants, and local residents/patients on the service trip to the Dominican Republic focusing on global health and medical health issues.
		THE PSYCHOLOGY OF WOMEN	The Psychology of WomenB376 The Psychology of Women (3 cr.) P: Three (3) credit hours of psychology. Equiv. to IU PSY P460 and PU PSY 239. A survey of topics in psychology as related to the biological, social, and psychological development of women in modern society.
		URBAN SUBURBAN GARDENING	Urban and Suburban GardeningSpring, even years. Course is intended for both biology and non-biology majors. Designed to expand understanding of the science and techniques of gardening with emphasis on healthy soil and its impact on plant growth. After completing the course, students will be able to describe what makes plants grow and what makes plants grow healthy. No gardening experience is required.
	SHRS	DISABILITY AND SOCIETY	Disability and Society<span>Focusing on the psychological, social, political, and economic circumstances of individuals with disabilities in American society and to broaden students' perspectives on disability issues through exposure to the personal accounts and writing of persons with disabilities, examination of professional practices, discussion of public policies, and completion of class projects.</span>
		DIVERSITY ISS IN HLTH&REHAB SV GLBL PRSPCT: NUTR,HLTH,DISEASE HLTH&REHAB PROF DVLPNG CNTRIES HLTH&REHAB SYST ACRSS THE WRLD HUM NUTR THROUGH THE LIFESPAN NUTRITION AND EXERCISE	Diversity Issues in Health and Rehabilitation Services Global Perspectives in Nutrition, Health, Disease, and Disability Health and Rehabilitation Professionals in Developing Countries Health and Rehabilitation Systems Across the World Human Nutrition Through the Lifespan Nutrition and ExerciseThis course will allow the student to apply the principles of physiology, chemistry, and biology to describe the role of nutrition and exercise in the human body and to explore the interrelated and protective role of nutrition and exercise in wellness, health promotion, and disease prevention.
		SEMINAR: GLOBAL REHAB & HEALTH SURVEY OF US HLTH CARE SYSTEM	Seminar in Global Rehabilitation and Health Survey of US Health Care Systems <span>This course will explore the U.S. health care system as it relates to health and rehabilitation services. Discussion will focus on the components of the health care system, how they function, how they support other components, who works in the health care system, how the system is financed, the access to the system, and how the U.S. rehabilitation services compare to other systems in the world.</span>
	SPEA	DIVERSITY ISSUES IN CRIM JUST	Diversity Issues in Criminal Justice This course examines the influence of diversity issues such as race, ethnicity, class, and gender on crime and the treatment of the underrepresented groups throughout the American criminal justice system.
		ENVIRONMENTAL LAW & REGULATION	Environmental Law and RegulationIntroductory course in environmental law and regulation. Subjects covered include command and control regulation, air quality, water quality, toxics, waste management, energy, natural resources, international environmental law, and alternative dispute resolution.
		FOUNDATNS OF HOMELAND SECURITY	Foundations of Homeland Security(Kokomo only) Examination of the theory and research driving homeland security and emergency management measures and an analytical look at the practices and principles of homeland security from an empirical perspective.
		GOVERNMENT FINANCE AND BUDGETS	Government Finance and BudgetsStudy of fiscal management in public agencies, including revenue administration, debt management, and public budgeting.
		HONORS RDGS IN PUB & ENVIR AFF INDVDL RGHTS,CMN GOOD,PBLC POL	Honors Readings in Public and Environmental AffairsRestricted to students in SPEA Honors Program. Individual Rights, Common Goods, and Public Policies This course considers the tension between individual and majoritarian rights in our constitutional system, and the effects of that tension on the formulation of public policy.
		INTERNSHIP PUB & ENVIR AFFAIRS	Internship in Public and Environmental AffairsOpen to interested students upon approval of the faculty. Students are placed with public agencies or governmental units for assignment to a defined task relevant to their educational interests in public affairs. Tasks may involve staff work or research. Full-time participants may earn up to 6 credit hours. Course is graded S/F.
		INTRO NON-PROF ACCT/REPORTING	Introduction to Nonprofit Accounting and ReportingP: SPEA-V 246 (Bloomington only); BUS-A 200 or BUS-A 201 (Indianapolis only); or consent of instructor. This course covers concepts and processes of nonprofit accounting and financial reporting, with exploration of differences between for-profit, governmental, and nonprofit systems. Examples will be drawn from health organizations, welfare agencies, charities, and educational institutions.
		LAW AND PUBLIC POLICY	Law and Public PolicyThe purpose of this course is to provide a basic understanding of the origins, process, and impact of law in the making and implementing of public policy. The course's major objective is to provide students with the substantive concepts necessary to understand the judicial system and law in its various forms.
		LEADERSHIP AND ETHICS	Leadership and Ethics This course is designed to examine the complex leadership issues and challenges facing communities and to explore how citizens and government can work together to address these challenges. This includes exploration of how the problems, conflicts, and dilemmas encountered by leaders when making decisions must be considered within an ethical framework.
		MANAGEMENT, LEADERSHIP&POLICY	Management, Leadership, and Policy This course seeks to integrate learning across the public affairs curriculum. Students will review and reflect about their learning in management, leadership, and policy. Experiential methods-service learning, projects, cases, and exercises-will be used to help students apply theory, concepts, and skills.
		MANAGING WORK FORCE DIVERSITY	Managing Workforce Diversity The composition and nature of the workforce is changing. Managers must decide how to accommodate real differences among the members of their organizations. This course seeks to provide information for practitioners who hope to integrate an understanding of workforce diversity into their management style and professional behavior.
		MASS MEDIA & PUBLIC AFFAIRS	Mass Media and Public Affairs Course analyzes the role of the media in the formation of public policy, including the responsibility of journalists, legal and ethical constraints, business pressures and their effects, impact of technology, and similar issues.

SUST Spheres	2	<b>2 = Courses that Include Sustainability (based on @ least 2 SUST areas)</b>
--------------	---	--

Row Labels	Course Academic Group	Course Description	Course Description Value
	<b>SPEA</b>	NEGOTIATION & ALTERN DISP RES	Negotiation and Alternative Dispute Resolution This course introduces students to the theories and techniques of alternative dispute resolution. The course covers interest-based negotiation, mediation, arbitration, fact-finding, early neutral evaluation, and other techniques used in business, labor relations, environmental disputes, family relations, and international affairs.
		NONPROFIT MGMT & LEADERSHP	Nonprofit Management and LeadershipStudents in this course examine the management practices of nonprofit organizations. The course encourages students to take the perspectives of nonprofit managers, volunteers, board members, policy-makers, donors, and clients. Course projects expand understanding of the nonprofit sector and develop students' management skills, analytical tools, and knowledge.
		PERF MEASUREMENT&PROGRAM EVAL	Performance Measurement and Program EvaluationThis course provides an overview of program evaluation as it relates to public affairs, criminal justice, health policy, and environmental science with particular emphasis on measuring program outcomes. The course is designed for students who envision themselves working in management, policy-making, or research roles.
		POLICY PROCESSES IN THE U.S.	Policy Processes in the United StatesIntended as an integrative senior course, primarily for SPEA ?students. Course content includes analytical perspectives of the policy process, the centers of policy, and the public interest. Selected cases involving problem analysis and decision making on public issues are included, as well as discussion of current policy issues.
		POLITICAL ACTION & CIVIC ENGMT	Political Action and Civic EngagementExamines citizen efforts to effect social change, with an emphasis upon political movements and parties as mechanisms for achieving that change.
		PRINCIPLES OF PUBLIC SAFETY	Principles of Public Safety Examination of threats to public safety and of governmental response at various levels to those threats. Treatment of areas such as transportation and highway threats; occupational safety and health; criminal threats; emergency and disaster planning; consumer protection; and fire control and suppression. Discussion of techniques to identify and measure risk, the acceptability of risk, and governmental attempts to control risk.
		PUBLIC MANAGEMENT	Public ManagementThis course is an examination of the management process in public organizations in the United States. Special attention will be given to external influences on public managers, the effect of the intergovernmental environment and, in particular, problems of management in a democratic, limited government system.
		RDGS IN PUB & ENVIR AFFAIRS	Readings in Public and Environmental AffairsIndependent readings and research related to a topic of special interest to the student. Written report required.
		TERRORISM AND PUBLIC POLICY	Terrorism and Public PolicyA survey of the incidence of terrorism in democratic societies, with particular emphasis on public policy responses designed to combat terrorism in cities. Overviews of ongoing conflicts with terrorist organizations in various countries are interspersed with analyses of significant terrorist events and public policies and responses such events create.
	<b>SWK</b>	COMM BEH&PRAC-GENERAL PERSPECTV	Community Behavior and Practice within a Generalist Perspective
		DIVERSITY IN A PLURALISTIC SOC	DIVERSITY IN A PLURALISTIC SOC
		HIST & ANALYSIS OF SOC WEL POL	Emergence of Social Services
		HUM GRWTH & DEV IN SOC ENVRMNT	Human Behavior and Social Environment I: Individual Functioning
		LAW, INEQUALITY AND POVERTY	LAW, INEQUALITY AND POVERTY
		SEL TOPICS IN HUMAN WELFARE 1	Exploring Child Welfare in Indiana
		SMALL GROUP THEORY & PRACTICE	Human Behavior and Social Environment II: Small Group Functioning
		SOCIAL WELFARE POLICY AND PRAC	Social Service Delivery Systems
	<b>SWT</b>	FACILITY DESIGN FOR LEAN MFG	FACILITY DESIGN FOR LEAN MFG
		TECH AND THE GLOBAL SOCIETY	TECH AND THE GLOBAL SOCIETY
	<b>TECH</b>	ENERGY EFFICIENCY & AUDITING	Energy Efficiency and AuditingCourse discusses fundamentals of energy efficiency and energy auditing.?? Students will analyze audit data, research energy improvement measures, and prepare recommendations.?? Topics include energy audit process, energy audit reports, energy bill analysis, economic analysis, audit instrumentation, and will include a subset of the following: building envelope, electrical system, HVAC system, waste heat recover, lighting, cogeneration, and other prevalent commercial/industrial systems.
		ENGR ECON FOR CONSTRUCTION	Engineering Economics for Construction
		ENVIRONMENTAL LIGHTING DESIGN	Environmental Lighting and Design
<b>Grand Total</b>			