

Penn State DuBois Summer 2012 course schedule.

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Please consult the on-line schedule at www.schedule.psu.edu for the most current course listings.

*Gen Ed (General Education): Arts (GA) Humanities (GH) Health & Physical Activity (GHA) Natural Sciences (GN) Quantification (GQ) Social & Behavioral Sciences (GS) Writing/Speaking (GWS)								**DIV (Diversity): United States Cultures (US) International Cultures (IL) United States and International Cultures (USI)						
SCHED #	COURSE	SEC	CR	TITLE	COURSE DESCRIPTION	PREREQS	DAYS	START	END	ROOM	BUILDING	INSTRUCTOR	GEN ED*	DIV**
DUBOIS CAMPUS 1ST SESSION - classes begin May 14														
DUBOIS CAMPUS 1ST SESSION 3 WEEK COURSES (May 14 - June 4 unless otherwise noted)														
865369	CAS 100	310	3	EFFECTIVE SPEECH	Introduction to speech communication: formal speaking, group discussion, analysis and evaluation of messages.		MTWR	0830A	1145A			MINO, M.	GWS	
867340	KINES 001	310	1.5	INTRODUCTION TO OUTDOOR PURSUITS CANOEING MAY 7,8,9	Introduction to selected outdoor pursuit activities, such as, but not limited to, rock climbing, cross country skiing, backpacking, hiking, orienteering.		MTW	0900A	0500P			SCHAADT, C.	GHA	
868222	O T 100S	310	1	STRUCTURAL FOUNDATIONS OF OCCUPATIONAL THERAPY	An overview of the structural foundations of the occupational therapy profession.		WEB					DEMI, L.		
867793	SPAN 001	310	4	ELEMENTARY SPANISH I	Audio-lingual approach to basic Spanish; writing. Students who have received high school credit for two or more years of Spanish may not schedule this course for credit, without the permission of the department.		MTWR AND WEB	0100P	0415P			GILL, D.		
867790	SPAN 003	310	4	INTERMEDIATE SPANISH	Audio-lingual review of structure; writing; reading.	SPAN 002	MTWR	0800A	1220P			GILL, D.		
DUBOIS CAMPUS 1ST SESSION 6 WEEK COURSES (May 14 - June 22 unless otherwise noted)														
867262	A&A 100	610	3	INTRODUCTION TO INTERNATIONAL ARTS	An interdisciplinary, multicultural introduction to the arts of the world.		WEB					VOLLERO, M.	GA	IL
866149	B A 495A	001	3 to 9	INTERNSHIP IN BUSINESS	Guided professional practicum in business administration involving an internship with a business organization; practice of business skills in field setting.	B A 322 , B A 420	APPT					BREAKEY, L.		

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867268	BI SC 003	610	3	ENVIRONMENTAL SCIENCE	Kinds of environments; past and present uses and abuses of natural resources; disposal of human wastes; prospects for the future. Students who have passed BIOL 220 or any other upper-level ecology course in biology may not schedule this course.		WEB					ROEN, K.	GN	
865375	BIOL 110	610	4	BIOLOGY: BASIC CONCEPTS AND BIODIVERSITY	A study of the evolution of the major groups of organisms including the fundamental concepts of biology.		WEB					LOEB, R.	GN	
865372	CAS 100	610	3	EFFECTIVE SPEECH	Introduction to speech communication: formal speaking, group discussion, analysis and evaluation of messages.		T R	1240P	0400P			MINO, M.	GWS	
867214	CHEM 101	610	2 to 3	INTRODUCTORY CHEMISTRY	Selected principles and applications of chemistry. Prior study of chemistry is not assumed. Students may take only one course for General Education credit from CHEM 101 or CHEM 110.	MATH 021 ; or satisfactory performance on the MATH FTCAP examinati.e., placement beyond the level of MATH 021	APPT					SPIEGEL, E.	GN	
866155	CMPSC 101	001	3	INTRODUCTION TO C++ PROGRAMM MAY 14 - AUG 8	Properties of algorithms, languages, and notations for describing algorithms, applications of a procedure-oriented language to problem solving. A student may receive credit for only one of the following courses: CMPSC 101, 200, 201, 202, 121.	2 entrance units in n	WEB					LONG, J.	GQ	
868204	ECON 102	610	3	INTRODUCTORY MICROECONOMIC ANALYSIS AND POLICY	Methods of economic analysis and their use; price determination; theory of the firm; distribution.		T R	0510P	0830P			BELL, F.	GS	
868480	EDTEC 440	410	3	EDUCATIONAL TECHNOLOGY INTEGRATION MAY 18,19 JUNE 1,2	Technology integration in educational settings.	EDPSY014 and 6th semester standing	F S AND WEB	0530P 0830A	0830P 0300P			TBA TBA		
868483	EDTEC 448	410	3	USING THE INTERNET IN THE CLASSROOM JUNE 15,16,29,30	This course introduces students to methods and models of using the Internet effectively in their classroom.	EDTEC400 or demonstrated Internet awareness	F S AND WEB	0530P 0830A	0830P 0300P			TBA TBA		
868864	EDSGN 110	201	2	SPATIAL ANALYSIS IN ENGINEERING DESIGN	Spatial analysis techniques using advanced computer-aided drafting and design systems, with an emphasis on engineering concepts, analysis and design.	EDSGN100	T	0530P	0850P			TBA		

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				MAY 14 - AUG 8										
867247	ENGL 015	610	3	RHETORIC & COMPOSITION	Instruction and practice in writing expository prose that shows sensitivity to audience and purpose.	ENGL 004 or satisfactory performance on the English proficiency examination	WEB					VALLONE, A.	GWS	
866269	HD FS 129	610	3	INTRODUCTION TO HUMAN DEVELOPMENT AND FAMILY STUDIES	Introduction to psychosocial and family development at all stages of the individual and family life cycle.		WEB					VAVALA, S.	GS	
866245	HD FS 239	610	3	ADOLESCENT DEVELOPMENT	Social, behavioral, and biological development and intervention throughout adolescence.		WEB					KUTERBACH, J.	GS	
867820	HD FS 301	610	3	VALUES AND ETHICS IN HEALTH AND HUMAN DEVELOPMENT PROFESSIONS	Examines bases for choices among values in personal and professional relations in human development processes and supporting services.		R AND WEB	0510P	0715P			PARK, B.		
866248	HD FS 312W	001	3	EMPIRICAL INQUIRY IN HUMAN DEVELOPMENT	Introduction to the skills involved in critical thinking in general and the methods of empirical inquiry in particular. Open to HD FS majors only.	a grade of C or better required in EDPSY101 or STAT 200	T R	1200P	0205P			KUTERBACH, J.		
				MAY 14 - AUG 8										
867808	HD FS 395	001	6	INTERNSHIP	Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required.	prior approval of proposed assignment by instructor	APPT					HUFNAGEL, P.		
				MAY 14 - AUG 8										
866275	HD FS 402	001	4	HUMAN SERVICES SEMINAR	Presentations and discussion of contemporary human issues by students and visiting professionals.	HD FS401	T	0510P	0930P			VAVALA, S.		
				MAY 14 - AUG 8										
866278	HD FS 495C	001	3 to 8	PROFESSIONAL PRACTICUM IN HUMAN SERVICES	Guided professional practicum in human services, usually in the form of a project related to a human services issue.	HD FS401 or HD FS	APPT					VAVALA, S.		
				MAY 14 - AUG 8										
866158	HIST 012	610	3	HISTORY OF PENNSYLVANIA	Chronological and topical survey, emphasizing immigration of diverse ethnic groups and religious, political, economic, and social developments, including industrialization and urbanization.		WEB					TBA	GH	US
866161	HIST 152	610	3	AFRICAN AMERICAN HISTORY	African roots; colonial and revolutionary experiences; slavery and abolitionism; civil war and reconstruction; accommodation and protest; the new militancy.		WEB					TBA	GH	USI

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866164	IST 110	001	3	INFORMATION, PEOPLE, AND TECHNOLOGY	The use, analysis and design of information systems and technologies to organize, coordinate, and inform human enterprises.		WEB					LONG, J.	GS	
					MAY 14 - AUG 8									
867208	IST 130	001	3	EMERGING TECHNOLOGIES IN POPULAR CULTURE	A survey course that explores emerging technologies used to produce and consume popular cultural artifacts.		WEB					TERWILLIGER, F.	GA	
					MAY 14 - AUG 8									
867211	IST 230	610	3	LANGUAGE, LOGIC, AND DISCRETE MATHEMATICS	Introduction to formal languages, mathematical logic, and discrete mathematics, with applications to information sciences and technology.	MATH 110 or MATH 140	WEB					TERWILLIGER, F.		
866167	IST 260W	001	3	INTRODUCTION TO SYSTEMS ANALYSIS AND DESIGN	Introduction to systems analysis and design, stressing the process of requirements acquisition, specification, design, and implementation.	IST 110 , IST 210 , IST 220 and ENGL 015	WEB					LONG, J.		
					MAY 14 - AUG 8									
866170	MATH 021	610	3	COLLEGE ALGEBRA I	Quadratic equations; equations in quadratic form; word problems; graphing; algebraic fractions; negative and rational exponents; radicals.	MATH 004 or satisfactory performance on the mathematics FTCAP examination	MT R	0900A	1105A			TBA	GQ	
866263	MIS 204	610	3	INTRODUCTION TO BUSINESS INFORMATION SYSTEMS	Introduction to the use of information systems in business organizations.		WEB					LUCAS, D.		
868213	MKTG 301	610	3	PRINCIPLES OF MARKETING	Focuses on customer behavior, product, channels of distribution, promotion, and pricing with emphasis on a culturally diverse environment. Not available to students who have taken B A 303.	ENGL 015 or ENGL 030 ; ECON 102 or ECON 104 ; MATH 021 or higher or satisfactory score on the mathematics FTCAP examination	WEB					TBA		
868219	O T 295A	610	6	FIELD EXPERIENCE IN OCCUPATIONAL THERAPY I	Part I of supervised experience in select occupational therapy settings in the role of an occupational therapy assistant; seminars included.	satisfactory completion of all didactic course work	APPT					PENDZICK, M.		
					MAY 7 - JUNE 29									
866257	SCM 301	610	3	SUPPLY CHAIN MANAGEMENT	Supply chain management concepts, principles, and methodologies.	ACCTG211 , ECON 102 , SCM 200 or STAT 200 ; limited to students in baccalaureate status	WEB					LUCAS, D.		

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867799	SPAN 010	610	6	INTENSIVE SPANISH	Basic Spanish grammar, oral, aural, and writing skills (essentially equivalent to SPAN 001 and first half of SPAN 002).		WEB					GILL, D.		
867796	SPAN 131Y	610	3	IBERO-AMERICAN CIVIL	Spanish American and Brazilian life from the Conquest to the present; literature, art, the indigenous heritage, and contemporary problems.		WEB					GILL, D.	GH	USI
DUBOIS CAMPUS 2ND SESSION - classes begin June 27														
DUBOIS CAMPUS 2ND SESSION 6 WEEK COURSES (June 27 - August 8)														
865378	BIOL 110	620	4	BIOLOGY: BASIC CONCEPTS AND BIODIVERSITY	A study of the evolution of the major groups of organisms including the fundamental concepts of biology.		WEB					LOEB, R.	GN	
865381	BIOL 120A	620	3	PLANTS, PLACES, AND PEOPLE	Useful and dangerous plants; historical (archaeological), cultural (ethnological), and economic (anthropocentric) aspects, including structural and chemical characteristics of botanical importance. Students who have passed BIOL (PPATH;S T S) 424 may not schedule this course.		WEB					LOEB, R.	GN	USI
867508	CHEM 202	620	3	FUNDAMENTALS OF ORGANIC CHEMISTRY I	Introduction to organic chemistry, with emphasis on the properties of organic compounds of biochemical importance. Because of duplication of subject matter, students may not receive credit for both CHEM 202 and CHEM 210.	CHEM 101 or CHEM	WEB					KHAN, A.		
868489	CN ED 404	420	3	GROUP PROCEDURES IN GUIDANCE AND COUNSELING	The nature and functioning of groups in educational and agency settings. Provides prospective counselors with experience in the group process.	6 credits in counselor education; 6 credits in psychology, sociology, or individual and family studies	R	0515P	0815P			TBA		
							AND WEB							
868486	EDPSY 400	420	3	INTRODUCTION TO STATISTICS IN EDUCATIONAL RESEARCH	The foundations of statistical techniques used in educational research; distributions, central tendency, variability, correlation, regression, probability, sampling, hypothesis testing.		T	0515P	0730P			TBA		
							AND WEB							

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868192	ENGL 202A	620	3	EFFECTIVE WRITING: WRITING IN THE SOCIAL SCIENCES	Instruction in writing persuasive arguments about significant issues in the social sciences. (A student may take only one course for credit from ENGL 202A, 202B, 202C, and 202D.)	ENGL 015 or ENGL 030 ; fourth-semester standing	MT R	0900A	1105A			MCCHESENEY, S.	GWS	
868195	ENGL 202B	620	3	EFFECTIVE WRITING: WRITING IN THE HUMANITIES	Instruction in writing persuasive arguments about significant issues in the humanities. (A student may take only one course for credit from ENGL 202A, 202B, 202C, and 202D.)	ENGL 015 or ENGL 030 ; fourth-semester standing	MT R	0900A	1105A			MCCHESENEY, S.	GWS	
868198	ENGL 202C	620	3	EFFECTIVE WRITING: TECHNICAL WRITING	Writing for students in scientific and technical disciplines. (A student may take only one course for credit from ENGL 202A, 202B, 202C, and 202D.)	ENGL 015 or ENGL 030 ; fourth-semester standing	MT R	0210P	0415P			MCCHESENEY, S.	GWS	
868201	ENGL 202D	620	3	EFFECTIVE WRITING: BUSINESS WRITING	Writing reports and other common forms of business communication. (A student may take only one course for credit from ENGL 202A, 202B, 202C, and 202D.)	ENGL 015 or ENGL 030 ; fourth-semester standing	MT R	0210P	0415P			MCCHESENEY, S.	GWS	
866272	HD FS 229	620	3	INFANT AND CHILD DEVELOPMENT	Theory, research, and methods of social/behavioral/biological sciences related to developmental processes and intervention during infancy and childhood.		WEB					VAVALA, S.	GS	
867823	HD FS 497	620	1 to 9	SPECIAL TOPICS	Formal courses given infrequently to explore, in depth, a comparatively narrow subject which may be topical or of special interest.		APPT					PARK, B.		
866152	B A 495A	002	3 to 9	INTERNSHIP IN BUSINESS			APPT					MUTH, A.		
866179	MATH 017	620	3	FINITE MATHEMATICS	Introduction to logic, sets, probability.	2 units of high school mathematics	MT R	1200P	0205P			STROHM, J.	GQ	
866173	MATH 022	620	3	COLLEGE ALGEBRA II AND ANALYTIC GEOMETRY	Relations, functions, graphs; polynomial, rational functions, graphs; word problems; nonlinear inequalities; inverse functions; exponential, logarithmic functions; conic sections; simultaneous equations.	MATH 021 or satisfactory performance on the mathematics FTCAP examination	MT R	0900A	1105A			STROHM, J.	GQ	
868216	MKTG 342	620	3	MARKETING RESEARCH	Research approaches, methods, and applications studied as a formal approach to problem solving for marketing decisions.	B A 303 or MKTG 301 ; SCM 200 or STAT 200	APPT					TBA		
868441	MUSIC 007	620	3	EVOLUTION OF JAZZ	Study of the origins and development of jazz as an art form.		WEB					FEHRENBACH, P.	GA	US
868225	O T 101	620	3	CONCEPTUAL FOUNDATIONS OF OCCUPATIONAL THERAPY PRACTICE	An overview of the conceptual foundations of occupational therapy practice. Observation of therapists in treatment settings.	O T 100S or current	WEB					DEMI, L.		

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867265	PHOTO 100	620	3	INTRODUCTION TO PHOTOGRAPHY	An introduction to the aesthetics, history, and science of photography including practical and critical approaches to the art of photography.		WEB					VOLLERO, M.	GA	
866251	PSYCH 100	620	3	INTRODUCTION PSYCHOLOGY	Introduction to general psychology; principles of human behavior and their applications.		WEB					HUFNAGEL, P.	GS	
867802	SPAN 020	620	6	INTENSIVE SPANISH	Basic and intermediate Spanish grammar, oral, aural, and writing skills (essentially equivalent to second half of SPAN 002 and all of SPAN 003).	SPAN 010	WEB					GILL, D.		
CLEARFIELD CAMPUS														
CLEARFIELD CAMPUS 1ST SESSION 6 WEEK COURSES (May 8 - June 22 unless otherwise noted)														
868492	PHIL 010	510	3	CRITICAL THINKING	Discussion of the validity, soundness, and fallacies of everyday language use and reasoning; informal logic; and manipulative arguments and propaganda.		WEB					TBA	GH	
868495	SOC 001	510	3	INTRODUCTION TO SOCIOLOGY	The nature and characteristics of human societies and social life.		WEB					TBA	GS	
CLEARFIELD CAMPUS 2ND SESSION 6 WEEK COURSES (June 27 - August 8 unless otherwise noted)														
ST. MARYS CAMPUS														
ST. MARYS CAMPUS 1ST SESSION 6 WEEK COURSES (May 8 - June 22 unless otherwise noted)														
868819	MATH 021	210	3	COLLEGE ALGEBRA I	Quadratic equations; equations in quadratic form; word problems; graphing; algebraic fractions; negative and rational exponents; radicals.	MATH 004 or satisfactory performance on the mathematics FTCAP examination	M W	0530P	0850P			SNELICK, G.	GQ	
868816	NUTR 251	210	3	INTRODUCTORY PRINCIPLES OF NUTRITION	The nutrients: food sources and physiological functions as related to human growth and well-being throughout life; current nutrition issues. Students who have passed NUTR 151 may not schedule this course.		T R	0530P	0850P			EL-AWAR, F.	GHA	
ST. MARYS CAMPUS 2ND SESSION 6 WEEK COURSES (June 27 - August 8 unless otherwise noted)														
868822	BB H 146	220	3	INTRODUCTION TO HEALTH AND HUMAN SEXUALITY	An examination of human sexuality as it relates to health.		T AND WEB	0530P	0850P			ALLENBAUGH, W.	GHA	
868828	CAS 250	220	3	SMALL GROUP COMMUNICATION	Skill development in the areas of group discussion, leadership, and teamwork.		M W	0530P	0850P			MEEKER, C.		

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868831	MATH 022	220	3	COLLEGE ALGEBRA II AND ANALYTIC GEOMETRY	Relations, functions, graphs; polynomial, rational functions, graphs; word problems; nonlinear inequalities; inverse functions; exponential, logarithmic functions; conic sections; simultaneous equations.	MATH 021 or satisfactory performance on the mathematics FTCAP examination	M W	0530P	0900P			TBA	GQ	
868834	PHIL 100	220	3	THE MEANING OF HUMAN EXISTENCE	Explores differing views of the significance of human life, the meaning of freedom, and the way to a meaningful life.		WEB					TBA	GH	