

<b>Harrisburg University of Science and Technology</b> (Pennsylvania - 4 Yr)				<b>University of Pittsburgh at Johnstown</b>			
SUBJECT	COURSE NUMBER	COURSE TITLE	TRANSFER CREDITS	SUBJECT	COURSE NUMBER	PITT JOHNSTOWN COURSE TITLE	CREDITS
BIOL	102	General Biology	3	BIOL	0110	General Biology 1	3
BIOL	103	General Biology Laboratory	1	BIOL	0111	General Biology Laboratory 1	1
BIOL	210	Introduction to Bioinformatics	4	BIOL	0000	Non-Equivalent*	4
BIOL	214	Anatomy and Physiology I	4	BIOL	0000	Non-Equivalent*	4
BIOL	214/215	Anatomy and Physiology I / Anatomy and Physiology II	4, 4	BIOL	1122/1123/1224/1225	Vertebrate Anatomy / Vertebrate Anatomy Laboratory / Animal Physiology / Animal Physiology Laboratory	3, 1, 3, 1
BIOL	215	Anatomy and Physiology II	4	BIOL	0000	Non-Equivalent*	4
BIOL	225	Entomology	4	BIOL	1144/1145	Invertebrate Biology / Invertebrate Biology Lab	3, 1
BIOL	281	Cell Biology Lecture	3	BIOL	0360	Cell Biology	3
BIOL	282	Cell Biology Laboratory	1	BIOL	0361	Cell Biology Laboratory	1
BIOL	302	Principles of Ecology	4	BIOL	0340/0341	General Ecology / General Ecology Laboratory	3, 1
BIOL	305	Evolution	3	BIOL	1165	Evolution	3
BIOL	320	Genetics	3	BIOL	0352	Genetics	3
BIOL	330	Microbiology	4	BIOL	1240/1241	Microbiology / Microbiology Laboratory	3, 1
BIOL	370	Molecular Biology	4	BIOL	1137	Molecular Genetics	3
BIOL	375	Immunology	4	BIOL	1186	Immunology	3
BTEC	210	Food and Nutrition	3	PEDC	0000	Non-Equivalent*	3
CHEM	151	General Chemistry I Lecture	3	CHEM	0000	Non-Equivalent*	3
CHEM	152	General Chemistry I Laboratory	1	CHEM	0000	Non-Equivalent*	1
CHEM	161	General Chemistry II	3	CHEM	0000	Non-Equivalent*	3
CHEM	162	General Chemistry II Laboratory	1	CHEM	0000	Non-Equivalent*	1
CHEM	200	Environmental Chemistry I	3	CHEM	0000	Non-Equivalent*	3
CHEM	210	Organic Chemistry I	4	CHEM	0000	Non-Equivalent*	4
CHEM	220	Organic Chemistry II	4	CHEM	0000	Non-Equivalent*	4
CHEM	310	Environmental Chemistry II	4	CHEM	0000	Non-Equivalent*	4
CHEM	320	Bio-Organic Chemistry	3	CHEM	0000	Non-Equivalent*	3
CHEM	340	Forensic Chemistry	4	CHEM	0000	Non-Equivalent*	4
CHEM	380	Special Topics in Chemistry	3	CHEM	0000	Non-Equivalent*	3
CHEM	410	Physical Chemistry	3	CHEM	0000	Non-Equivalent*	3
CHEM	420	Inorganic Chemistry	3	CHEM	0000	Non-Equivalent*	3
CISC	103	Introduction to Computers & Information Sciences	4	CS	0100	Perspectives in Computer Science	4
CISC	107	Introduction to Computer Architecture & Organization	3	CS	0456	Computer Systems Architecture	3
CISC	120	Programming Fundamentals I	4	CS	0015/0016	Introduction to Computer Programming / Introduction to Computer Programming Applications	3, 1
CISC	140	Programming II	3	CS	0000	Non-Equivalent*	4
CISC	160	Programming Fundamentals II	4	CS	0000	Non-Equivalent*	4
CISC	210	Communication Networks	4	CS	0000	Non-Equivalent*	4

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CISC	225	Systems Analysis and Design	3	CS	1765	Database Management Systems	3
CISC	230	Computer and Network Security	4	CS	0000	Non-Equivalent*	4
CISC	233	Essential Algorithms	4	CS	0000	Non-Equivalent*	4
CISC	240	Operating Systems	4	CS	0000	Non-Equivalent*	4
CISC	260	Programming Techniques	4	CS	0000	Non-Equivalent*	4
CISC	280	Encryption Technologies	4	CS	0000	Non-Equivalent*	4
CISC	298	Project I	3	CS	1904	Directed Study	3
CISC	300	Web Technologies	4	CS	0000	Non-Equivalent*	4
CISC	340	Intellectual Systems and Artificial Intelligence	4	CS	1783	Artificial Intelligence Programming	3
CISC	350	Database Security Management	4	CS	1765	Database Management Systems	3
CISC	370	Ethical Hacking	4	CS	0000	Non-Equivalent*	4
CISC	380	Special Topics in Computer Science	3	CS	1163	Advanced Topics in CS	3
CISC	390	Directed Study	1 to 4	CS	1904	Directed Study	1 to 4
CISC	430	Software Engineering	4	CS	1736	Software Engineering	3
CISC	440	Wireless Security Management	4	CS	0000	Non-Equivalent*	4
CISC	450	Risk Management and Security Analysis	4	CS	0000	Non-Equivalent*	4
CISC	460	Information Management and Database Design	4	CS	0000	Non-Equivalent*	4
CISC	498	Project II	3	CS	1904	Directed Study	3
COMM	110	Speech	3	COMMRC	0052	Public Speaking	3
COMM	225	Cinema Studies (also listed as GEND 225)	2	ENGLIT	0000	Non-Equivalent*	2
ENGL	106	Academic Writing and Critical Thinking	3	ENGCMP	0005	Composition 1	3
ENGL	200	Advanced Composition and Technical Writing	3	ENGCMP	0000	Non-Equivalent*	3
ENGL	300	English Language Literature	3	ENGLIT	0000	Non-Equivalent*	3
ENGL	305	The Art of the Narrative	3	ENGLIT	0080	Narrative Literature	3
ENGL	310	Creative Writing	3	ENGWRT	0050	Introduction to Creative Writing	3
ENVS	101	Introduction to Environmental Science	4	GEO	0110	Introduction to Environment	3
ENVS	104	Our Ocean World (also listed as GEND 104)	3	GEOL	0000	Non-Equivalent*	3
ENVS	201	Introduction to Geology	3	GEOL	0000	Non-Equivalent*	3
ENVS	301	Global Change: Physical Processes and Human Impact	3	GEOL	0000	Non-Equivalent*	3
GEND	102	The Creative Mind I: Psychology, English Literature and Sociology	3	SOCSCI	0000	Non-Equivalent*	3
GEND	103	The Creative Mind II: Psychology, English Literature and Sociology	3	SOCSCI	0000	Non-Equivalent*	3
GEND	104	Our Ocean World (also listed as ENVS 104)	3	GEOL	0000	Non-Equivalent*	3
GEND	112	The Scientific Mind I: Physical Science and Chemistry	3	NATSC	0000	Non-Equivalent*	3
GEND	113	The Scientific Mind II: Earth, Space and Life Sciences	3	NATSC	0000	Non-Equivalent*	3
GEND	150	The Learned Mind: Introduction to Philosophy and English Literature	6	HUM	0000	Non-Equivalent*	6
GEND	201	The Civic Mind: U.S. or World History, U.S. or World Politics, and Macroeconomics	6	SOCSCI	0000	Non-Equivalent*	6

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GEND	225	Cinema Studies (also listed as COMM 225)	2	ENGLIT	0000	Non-Equivalent*	2
GEND	251	Institutions and Global Health, Energy, Poverty, and Security	6	SOCSCI	0000	Non-Equivalent*	6
GEND	275	Gender and Society	3	SOC	0000	Non-Equivalent*	3
GEND	300	The Cultured Mind: World Cultures and Art	6	HUM	0000	Non-Equivalent*	6
GEND	351	Organizational Mind: Organizational Theory, Leadership and Microeconomics	6	SOCSCI	0000	Non-Equivalent*	6
GEND	400	The Entrepreneurial Mind: Business and Social Entrepreneurship	3	BUS	0000	Non-Equivalent*	3
GEND	425	Globalization: Trade and Finance	3	BUS	0000	Non-Equivalent*	3
GEND	450	The Healthy Mind and Body: Personal and Environmental Health	3	NATSC	0000	Non-Equivalent*	3
GEND	465	Professional Ethics: Moral, Ethical and Professional Decision-making	3	PHIL	0303	Introduction to Ethics	3
GSTC	130	Applied Geography	3	GEOG	0000	Non-Equivalent*	3
GSTC	140	Introduction to GIS	4	GEOG	0000	Non-Equivalent*	4
GSTC	210	Cartography	3	GEO	0420	Cartography	3
INSC	105	Field Studies in Natural Sciences	3	NATSC	0000	Non-Equivalent*	3
INSC	115	The Chemistry of Life	3	CHEM	0080	Chemistry, Man, and Society	3
INSC	140	Introduction to Integrative Science	3	NATSC	0000	Non-Equivalent*	3
INSC	180	Integrative Science	3	NATSC	0000	Non-Equivalent*	3
INSC	310	Conservation Biology	3	BIOL	0000	Non-Equivalent*	3
INSC	320	The Study of Disease	3	BIOL	0085	Human Health and Disease	3
INSC	350	Animal Behavior	4	BIOL	0000	Non-Equivalent*	4
MATH	120	College Algebra	3	MATH	0002	College Algebra	3
MATH	210	Discrete Mathematics I	3	MATH	0401	Discrete Mathematical Structures	3
MATH	220	Calculus I	3	MATH	0000	Non-Equivalent*	3
MATH	220/260	Calculus I / Calculus II	3, 3	MATH	0221	Analytic Geometry and Calculus 1	4
MATH	260	Calculus II	3	MATH	0000	Non-Equivalent*	3
MATH	261	Calculus III	3	MATH	0000	Non-Equivalent*	3
MATH	310	Discrete Mathematics II	3	MATH	0000	Non-Equivalent*	3
MEBA	100	Exploring Entrepreneurship	2	BUS	0000	Non-Equivalent*	2
MEBA	110	Introduction to eBusiness Management	3	BUS	0000	Non-Equivalent*	3
MEBA	220	Principles of Business Management	3	MGMT	0500	Principles of Management	3
MEBA	230	Marketing	3	MRKT	0600	Principles of Marketing	3
MEBA	310	eCommerce and mCommerce	3	BUS	0000	Non-Equivalent*	3
MEBA	310	Financial and Managerial Accounting	3	BUS	0000	Non-Equivalent*	3
MEBA	350	Financial Management	3	FIN	0300	Principles of Finance	3
MEBA	420	International Business and Strategies	3	BUS	0000	Non-Equivalent*	3
MEBA	430	Business Law	4	BUS	0000	Non-Equivalent*	4
MEBA	440	Leadership and Organizational Behavior in Modern Settings	3	BUS	0000	Non-Equivalent*	3

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MEBA	470	Business Systems Analysis, Modeling and Design	4	BUS	0000	Non-Equivalent*	4
MEBA	472	Business Intelligence and Decision Support Systems	3	BUS	0000	Non-Equivalent*	3
PHYS	210	General Physics I	4	PHYS	0000	Non-Equivalent*	4
PHYS	260	General Physics II	4	PHYS	0000	Non-Equivalent*	4
SEMR	100	Cornerstone	1	CAS	0000	Non-Equivalent*	1
<p>NOTE: This information is meant to be a GENERAL guide for students in planning appropriate courses for transfer to the University of Pittsburgh at Johnstown. The University recommends that a student refer to major requirements in conjunction with this transfer information.</p> <p>An official evaluation of transfer credits will not be completed until after the student has made application for admission and has provided the University of Pittsburgh at Johnstown with an "official" transcript from their previous institution.</p> <p>* Non-Equivalent credits may be used toward graduation as free electives .</p>							