School of Computing and Information

The University of Pittsburgh's newest school combines our Computer Science and Information Science programs to focus on collaboration in technology along with an emphasis on research, innovation and creativity that will help Pitt become a model for Information Age universities.

Computer Science

Student interested in entering the School of Computing and Information will continue to follow the general education requirements as outlined for our Dietrich School of Arts and Sciences. In addition, comparable courses that match our CS 0401, CS 0441, CS 0445, CS 0447 and CS 0449 courses can be completed.

Information Science

The University of Pittsburgh offers the Bachelor of Science in Information Science (BSIS), a two-year program which normally begins in a student's junior year. The BSIS program will provide students with critical skills and broad theoretical knowledge in programming principles, database systems, networks, human-computer interaction, and systems design. The course of study will enable graduates to understand how to manage today's complex information systems and design the systems that business and industry will need in the future. Information, and the technology to manage it, will be a critical factor in solving many of the world's most pressing problems in health care, government, education, and the environment. More information about the program can be found here: http://www.sci.pitt.edu

In addition to a general program of study, the program features **three industry-centered specializations: information systems, user-centered design, and networks and security**. All students are required to participate in a capstone experience such as a research project or an internship with a regional company. With the University located in a major urban environment, students have access to amazing internship opportunities with healthcare entities, manufacturing companies, and technology-related corporations.

Transfer Admissions to Information Sciences
Students, provided that they meet the admission requirements posted here, are welcome to apply for admission to Information Sciences. Students must have earned a minimum of 55 credits prior to admission to the BSIS program. To efficiently plan for such a transfer, we strongly encourage you to contact the BSIS advisors as early as possible within your program of study.   The following table outlines, in general, the course requirements and transferable credits for Information Sciences to facilitate planning for transfer; however, all credits must be verified by BSIS advisors. You can contact the BSIS Office at:

Information Sciences
Room 720 IS Building
135 North Bellefield Avenue
Pittsburgh, PA 15260
412-624-5143
Koller@pitt.edu

SKILLS AND GENERAL EDUCATION REQUIREMENTS

The following list is meant to help you complete some of the skills and general education requirements for the BSIS degree. WCCC courses that fulfill these requirements are listed along with SIS equivalencies. A grade of "**C**" or better is required for transferable credits. (Grade requirements exceptions noted below.)

SKILLS REQUIREMENTS

Writing The writing requirement consists of the following two courses with grades of "**B**" or better.

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
ENG 161 College Writing	**3**	ENGCMP 0200 General Writing	**3**
ENG 163 Business Communications	**3**	ENGCMP 0400 Written Prof Com	**3**

Quantitative The quantitative requirement can be satisfied by the following course

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
MTH 172 Analyt. Geom & Calc 1	**4**	MATH 0220 Analytical Geo & Calc	**4**

Linguistics
Equivalent course work is not available at WCCC.

GENERAL EDUCATION REQUIREMENTS

Literature (any **one** of the following)

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
ENG 159 Intro to Theater	**3**	THEA 0810 Intro to Dramatic Art	**3**
ENG 240 Science Fiction	**3**	ENGLIT 1661 Sci Fiction	**3**
ENG 258 World Lit 1	**3**	ENGLIT 0590 Formative Masterp.	**3**
ENG 260 American Lit 1	**3**	ENGLIT 0570 American Lit Trad	**3**
ENG 275 World Mythology	**3**	ENGLIT 1570 Myth & Folktales	**3**
HUM 259 American Poets		ENGLIT 0315 Reading Poetry	

Music and Art (any **one** of the following)

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
ART 155 Intro to Art	3	HA&A 0010 Intro to Art	3
ART 160 Design 1	3	SA 0110 Foundation Design	3
ART 162 Drawing	3	SA 0130 Foundation Drawing	3
ENG 165 Creative Writ.	3	ENGWRT 0400 Intro to Creat. Writ.	3
MUS 155 Intro to Mus	3	MUSIC 0211 Intro to West. Art Mus	3
THR 160 Intro to Acting	3	THEA 0830 Intro to Perform.	3

Communication (**one** of the following)

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
ENG 257 Effective Speech	3	COMMRC 0520 Public Speaking	3
SPC 155 Effective Speech	3	COMMRC 0520 Public Speaking	3

Philosophy
Equivalent course work not available at WCCC.

Social Science (a minimum of **two** courses from any **two** different fields listed below: Economics, Political Science, Sociology)

Economics

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
ECN 255 Macroeconomics	3	ECON 0110 Intro Macro. Theory	3
ECN 256 Microeconomics	3	ECON 0100 Intro Micro. Theory	3
ECN 158 Basic Economics	3	ECON 0800 Intro to Economics	3

Political Science

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
POL 155 Amer. Nat. Government	3	PS 0200 American Political Proc.	3
POL 156 Modern Pol. Syst.	3	PS 0300 Comparative Politics	3

POL 256 International Relations	3	PS 1501 Theory of Int. Rel.	3

Sociology

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
SOC 155 Princ. of Sociology	3	SOC 0010 Intro to Sociology	3
SOC 162 Contemp. Social Problems	3	SOC 0007 Social Problems	3

History and Culture (any **one** of the following)

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
HIS 155 Early West Civ.	3	HIST 0100 West Civ. 1	3
HIS 156 Modern West Civ.	3	HIST 0101 West Civ. 2	3
HIS 255 Early US & PA Hist.	3	HIST 0600 US to 1877	3
HIS 256 Modern US & PA Hist.	3	HIST 0601 US 1865 to Pres.	3

Psychology

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
PSY 160 General Psychology	3	PSY 0010 Intro to Psych.	3

Natural Sciences (a **minimum** of **three** courses is required. Two **must** follow a sequence and the third **must** be from a different science field).

Sequences

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
BIO 155 General Biology 1	4	BIOSC 0150 Found. of Bio 1	4
BIO 156 General Biology 2	4	BIOSC 0160 Found. of Bio 2	4
CHM 155 General Chem 1	4	CHEM 0110 General Chem 1	4
CHM 156 General Chem 2	4	CHEM 0120 General Chem 2	4
PHY 155 College Physics 1	4	PHYS 0110 Intro to Phys 1	3
PHY 156 College Physics 2	4	PHYS 0111 Intro to Phys 2	3

PHY 256 Eng. Phys II	**4**	PHYS 0105 Basic Phys Sc & Eng 2	**3**
PHY 257 Eng. Phys III	**4**	PHYS 0106 Basic Phys Sc & Eng 3	**3**

Single

WCCC Course (You Take)	Credits	Pitt Course (Equivalent)	Credits
BIO 120 Environmental Issues	**3**	BIOSC 0800 Bio for Non-Maj 1	**3**
ESP 150 Astronomy	**3**	ASTRON 0089 Stars, Galaxies	**3**
ESP 163 Intro Phys Geol	**3**	GEOL 0800 Geology	**3**
PHY 161 Physical Sci 1	**3**	PHYS 0081 Ideas of Mod. Phys	**3**

Information Science:
The following courses will transfer and are equivalent to information science courses.

CPT 145 Intro to Computer Tech	**3**	INFSCI 0010 Intro to IS	**3**
CPT 163 Java	**3**	INFSCI 0017 JAVA	**3**