BUSINESS INFORMATION TECHNOLOGY

Credentials

Business Information Technology certificate .... 33–35 cr.
Business Information Technology AAS degree .... 63–66 cr.

Major Description

Business is becoming more complex every day due to the high-tech hardware and software used behind the scenes. If you enjoy staying current on the latest technological advances and finding the right technology to meet business needs, you can find a niche in this fast-growing field.

Information technology (IT) professionals help organizations in virtually every industry determine the best use of automated systems to reach their goals.

This field requires analytical and problem solving skills, technical expertise, and the ability to juggle projects while meeting deadlines and quality standards. Excellent communication skills are also essential.

Today's employers are looking for people who have a sound business background combined with the ability to develop or manage business computer systems. The widespread use of computers in all areas of business has generated new positions and expanded opportunities.

- The associate in applied science degree program sets the stage for transfer to a four-year college or school.
- The certificate program provides students with an overview of business and computer systems and results in a certificate of program completion.

Business Information Technology AAS Degree

The business information technology program is designed to meet the growing needs of industry for a new category of information technology professional. Today's employers increasingly request graduates who have a sound business background combined with the ability to develop or manage business computer systems.

This is a fast growing field with continual changes in hardware, software and procedures. The widespread use of computers in all areas of businesses has generated new positions and expanded opportunities in information technology. Effective use of technology enables businesses to serve customers better, access more information, be more flexible in responding to business changes and increase employee productivity.

All courses are not offered each semester. Students should work with an academic advisor or counselor to develop a schedule that will work for them. Students who satisfactorily complete all college and program requirements qualify for an associate in applied science degree.

SAMPLE SCHEDULE OF COURSES

First Year—Fall Semester

ENG 101	English Composition 1	3
BUS 101	Introduction to Business	3
CIS 125	Principles of Information Security	3
CIS 120	Software Applications	3
Elective	*Select from the list below*	3

Total Credits 15

First Year—Winter Semester

English	Select 1	3
ENG 102	English Composition 2	
ENG 106	Business English	
MATH 113	Intermediate Algebra for College Students	4
BUS 217	Business Management	3
CIS 129	Introduction to Programming Logic	3
CIS Elective	*Select any CIS course from the list below*	2–3

Total Credits 15–16

First Year—Spring/Summer Session

Social Science	Select 1	3–4
POLS 105	Survey of American Government	
PSYCH 153	Human Relations	
PYSCH 201	General Psychology	
COMA 103	Fundamentals of Speech	3

Total Credits 6–7

Second Year—Fall Semester

BUS 220	Supervision	3
CIS 250	Systems Development and Design	4
CIS Elective	Select any CIS course from the list below	2–3
Science*	Select any General Education Science course	4

Total Credits 13–14

Second Year—Winter Semester

CIS 251	IT Project Management	3
ACCT 201	Principles of Accounting 1	4
ECON 201	Principles of Macroeconomics	4
Elective	*Select from the list below*	3

Total Credits 14

PROGRAM TOTAL 63–66 CREDITS

* Number of credits may vary depending on the General Education Science course selection.

Students planning to transfer should check the transfer institution's requirements/guides or discuss their options with a counselor or advisor. Number of credits may vary depending on the course selection.

Electives

BUS 207	Business Law 1	3
BUS 208	Business Law 2	3
BUS 215	Business on the Web	3
BUS 221**	Statistical Inference for Management Decisions	3
BUS 226	Principles of Marketing	3
CIS 170	Microsoft Windows	3
CIS 171	Introduction to Networking	3
CIS 176	Visual Basic.NET	3
CIS 185	Introduction to HTML	3
CIS 211	Introduction to C++	2
CIS 221	Advanced C++	2
CIS 223	Introduction to C#	3
CIS 225	Database Management Systems	3
CIS 235	Managing and Troubleshooting PCs	3
CIS 265	Networking 1	3
CIS 276	Networking 2	3
CIS 290	Object-Oriented Programming With Java	3

** This course is designed for students pursuing the Walsh College Honors Fast Track Program.

Business Information Technology Certificate

The business information technology program is designed to meet the growing needs of industry for a new category of information technology professional. Today's employers increasingly requests graduates who have of a sound business background combined with the ability to develop or manage business computer systems.

This is a fast growing field with continual changes in hardware, software and procedures. The widespread use of computers in all areas of business has generated new positions and expanded opportunities in Information Technology. Effective use of technology enables businesses to serve customers better, access more information, be more flexible in responding to business changes and increase employee productivity.

This certificate is designed to provide students with an overview of business and computer systems. All courses are not offered each semester. Students should work with an academic advisor or counselor to develop a schedule that will work for them. Students who satisfactorily complete the program requirements qualify for a certificate of program completion.

SAMPLE SCHEDULE OF COURSES

First Year—Fall Semester

BUS 101	Introduction to Business	3
CIS 120	Software Applications	3
CIS 129	Introduction to Programming Logic	3
CIS 125	Principles of Information Security	3
CIS Elective	Select any CIS course listed below	2–3

Total Credits 14–15

First Year—Winter Semester

ACCT 201	Principles of Accounting 1	4
CIS 251	IT Project Management	3
BUS 220	Supervision	3
CIS 250	Systems Development and Design	4

Total Credits 14

First Year—Spring Session

BUS 217	Business Management	3
Elective	*Select from the list below*	2–3

Total Credits 5–6

PROGRAM TOTAL 33–35 CREDITS

Electives

BUS 207	Business Law 1	3
BUS 208	Business Law 2	3
BUS 215	Business on the Web	3
BUS 226	Principles of Marketing	3
CIS 170	Microsoft Windows	3
CIS 171	Introduction to Networking	3
CIS 176	Visual Basic.NET	3
CIS 185	Introduction to HTML	3
CIS 211	Introduction to C++	2
CIS 221	Advanced C++	2
CIS 223	Introduction to C#	3
CIS 225	Database Management Systems	3
CIS 235	Managing and Troubleshooting PCs	3
CIS 265	Networking 1	3
CIS 276	Networking 2	3
CIS 290	Object-Oriented Programming With Java	3