

(B.S.) Information Technology
120 credits minimum

CORE REQUIREMENTS (32 credits)

INTE	120	Integrated Information Technology Application Projects	4 cr	_____
INTE	130	Fundamentals of Information Technology	4 cr	_____
INTE	230	Network Concepts, Security, and Administration	4 cr	_____
INTE	240	The Fundamentals of Web Technology	4 cr	_____
INTE	360	IT Risk Management and Security	4 cr	_____
INTE	410	IT Project Management	4 cr	_____
INTE	420	Fundamentals of Operating Systems Management	4 cr	_____
INTE	440	Human-Computer Interaction	4 cr	_____

HEALTHCARE ANALYTICS OPTION (18 credits required)

INTE	255	Introduction to Data Analytics [or CSCI 452]	3 cr	_____
INTE	365	Health Care Information Management	3 cr	_____
INTE	425	Data Exploration and Visualization for IT Managers [or CSCI 453]	3 cr	_____
INTE	465	Data Analytics in Health Care	3 cr	_____
NURS	310	Health Issues from a Population Health Perspective	3 cr	_____
NURS	312	Value-Based Care	3 cr	_____

REQUIRED RELATED COURSES (20 cr) – NOTE: These courses also fulfill 4 credits of Science and Mathematics, 3 credits in the Mathematics Foundations, and 3 credits in the Social Sciences requirements.

CSCI	161	Introduction to Programming I (G2)	4 cr	_____
CSCI	162	Introduction to Programming II	4 cr	_____
CSCI	366	Database Systems	4 cr	_____
MATH	130	Elements of Statistics I (G2) [or MATH 234 (G2) or MATH 235 (G2)]	3 cr	_____
MATH	120	Logic for Information Technology	2 cr	_____
ECON	102	Principles of Microeconomics (G3)	3 cr	_____

RECOMMENDED COURSES

BUAD	251	Organization and Management (G3, W)	3 cr	_____
COMM	335	Communications and Emerging Technologies (G1, W)	3 cr	_____
ECON	101	Principles of Macroeconomics (G3)	3 cr	_____
MATH	151	Calculus for the Management, Life and Social Sciences (G2)	4 cr	_____

GENERAL EDUCATION (48 credits minimum – Note: 10 credits of Gen Ed are fulfilled by Required Related courses)

G1: HUMANITIES & FINE ARTS (9 cr)

ART, COMM/THEATRE, ENGL, FOREIGN LANG/HUMAN, MUSIC, PHIL

- (1) _____ 3 cr ____
- (2) _____ 3 cr ____
- (3) _____ 3 cr ____

G2: SCIENCE & MATH (9 cr) NOTE: These 9 credits are fulfilled by the Required Related Science and Math Courses

- (1) CSCI 161 _____ 4 cr ____
- (2) Natural Science _____ 3 cr ____
- (3) Natural Science with Lab _____ 4 cr ____

G3: SOCIAL SCIENCES (9 cr)

AFAM, ANTH, BUAD, ECON, GEOG, GOVT, HIST, INTL, PSYC, SOCY, SOWK/GERT, WSTU

- (1) ECON 102 _____ 3 cr ____
- (2) _____ 3 cr ____
- (3) _____ 3 cr ____

For G1, G2, and G3: Max. of 2 courses from the same dept.; all 3 could be from different depts.

- **COMM 100** Fund. of Speech (*minimum of "C-" required*) 3 cr
- **ENGL 110** Engl Composition (*minimum of "C-" required*) 3 cr
- **MATH Foundations** (*fulfilled by MATH 130*)
- **Advanced Writing** (fulfilled by **ENGL 316** Business Writing 3 cr; other possibilities include **ENGL 312** Tech. Writing or **ENGL 319** Science Writing 3 cr)
- **Perspectives [P]** 3 cr
- **WELL 175** 3 cr
- **UNIV 103** First Yr Inquiry or **Open Elective** 3 cr
 ♦ *Open Elective cannot be a course from major department*

General Education Requirements Checklist:

Three G1, G2, or G3 courses at **200-level or higher:**

Three **Writing** courses (*does not include ENGL 312/316/319*)

One **Cultural Diversity [D]** Course _____

Free Electives _____ cr ____