

Major: Enterprise Technology Integration

Total Credits: 124

ETI, IST, and MATH courses have enforced prerequisites.

1 credit of IST 495-IST Internship is required.

Semester 1	Credits	Semester 2	Credits
IST 140 OR CMPSC 121 OR CMPSC 131 ETM Course	3	IST 242 OR CMPSC 122 OR CMPSC 132 ETM Course	3
IST 110 <i>Information, People and Technology</i> ETM Course	3	IST 220 <i>Networking and Telecommunications</i> ETM Course	3
CAS 100 <i>Effective Speech (GWS)</i>	3	ECON 102 OR ECON 104 (GS)	3
MATH 110 <i>Techniques of Calculus (GQ)</i>	4	ENGL 15 OR ENGL 30 (GWS)	3
General Education Selection	3	General Education Selection	3
Total Credits:	16	Total Credits:	15

Semester 3	Credits	Semester 4	Credits
IST 210 Organization of Data ETM Course	3	IST 256 <i>Programming for the Web</i>	3
IST 230 <i>Language, Logic, and Discrete Mathematics</i>	3	ACCTG 211 <i>Financial and Managerial Accounting for Decision Making</i>	4
Pick from Smeal College Business Fundamentals Certificate list	3	Application Focus Selection	3
Elective	3	General Education Selection	3
General Education Selection	3	STAT 200 <i>Elementary Statistics (GQ)</i> ETM Course	4
Total Credits:	15	Total Credits:	17

Semester 5	Credits	Semester 6	Credits
ETI 300W <i>Development and Documentation for Enterprise Web</i>	3	IST 302 <i>IT Project Management</i>	3
IST 301 <i>Information and Organization</i>	3	ETI 461 <i>Database Management and Administration</i>	3
BA 302 <i>Supply Chains</i>	3	IST 331 OR HCDD 264	3
ENGL 202C or ENGL 202D	3	Application Focus Selection	3
General Education Selection*	3	General Education Selection	3
Total Credits:	15	Total Credits:	15

Semester 7	Credits	Semester 8	Credits
IST 420 <i>Fundamentals of Systems and Enterprise Integration</i>	3	IST 421 <i>Advanced Enterprise Integration: Technologies and Applications</i>	3
IST 423 OR IST 402	3	Elective	3
ETI 435 OR ETI 463 OR IST 440W	3	Application Focus Selection	3
Application Focus Selection	3	General Education Selection	3
General Education Selection	3	General Education Selection	1.5
General Education Selection	1.5		
Total Credits:	16.5	Total Credits:	13.5