

# MAJOR IN INTEGRATED BUSINESS AND ENGINEERING

## Plan of Study

Course	Title	Credits
<b>Freshman</b>		
<b>Fall</b>		
ACCT 1011	Introduction to Financial Accounting	3
ECON 1011	Introduction to Microeconomics	3
MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	4
ENGR 1031	Fundamentals of Engineering	3
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
<b>Credits</b>		<b>17</b>
<b>Spring</b>		
ACCT 1012	Introduction to Management Accounting	3
ECON 1012	Introduction to Macroeconomics	3
MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	4
CPSC 1101	Introduction to Computing	3
PHYS 1172 & 1172L	General Physics II and General Physics II Lab	4
<b>Credits</b>		<b>17</b>
<b>Sophomore</b>		
<b>Fall</b>		
MATH 2217	Statistics I	3
FNCE 2101	Introduction to Finance	3
MKTG 1101	Principles of Marketing (History course)	3
History course		3
ENGL 1001	Introduction to Rhetoric and Composition	3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
DATA 1101	Business Analytics	3
MGMT 2101	Introduction to Management	3
INTL 2101	Introduction to International Business	3
BUSN 1101	Messaging and Persuasion: Effective Business Communication	3
Modern Language course		3
<b>Credits</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
ENGR 2145	Mathematical Analysis	3
Philosophy course		3
ELEG 2213 & 2213L	Introduction to Electric Circuits or Engineering Statics <i>and</i> Mechanics	4
or MEEG 2201 <i>and</i> MEEG 2206L	Lab	
Literature course		3

Elective course		3
<b>Credits</b>		<b>16</b>
<b>Spring</b>		
ENGR 4310	Industrial Quality Control	3
BUSN 3211	Legal Environment of Business	3
Religious studies course		3
History or Philosophy or Religious Studies course		3
Elective course		3
<b>Credits</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
MGMT 4300	Business Strategies in the Global Environment	3
Visual & Performing Arts course		3
ENGR 4360	Engineering Project Management	3
Engineering Elective		3
Elective		3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
Engineering elective		3
AETH 2291	Business Ethics	3
History or Philosophy or Religious Studies course		3
Elective course		3
Elective course		3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>125</b>