

**COLLEGE OF BUSINESS – INDIANA STATE UNIVERSITY  
BACHELOR OF SCIENCE DEGREE - Operations Management and Analysis**

Name \_\_\_\_\_ Minor \_\_\_\_\_

University General Education Requirements			College of Business Core Requirements		
<i>Basic Studies</i>			<b>I. Cornerstone and Foundation Courses</b> (Prebusiness requirements) <i>Must be completed with an average GPA of 2.25 or higher</i>		
ENG 105 or 107	3	_____	+ BUS 100 – Introduction to Contemporary Business	3	_____
* BEIT 336	3	_____	BUS 180 – Business Information Tools (BUS 100)	3	_____
COMM 101 or 215	3	_____	BUS 201 – Accounting Principles I (24 hours)	3	_____
MATH 111, 115, or calculus course	3	_____	BUS 202 – Accounting Principles II (BUS 201)	3	_____
PE 101	2	_____	BUS 205 – Business Statistics I (MATH 111, 115 or calculus course and BUS 180)	3	_____
Foreign Language (if required) <b>or</b> nonbusiness elective	3	_____	*ECON 200 – Principles of Macroeconomics	3	_____
Foreign Language (if required) <b>or</b> nonbusiness elective	3	_____	*ECON 201 – Principles of Microeconomics	3	_____
ENG 101 (if required)	3	_____	(Prebusiness requirements include freshman English composition and communication)		
<b>or</b> nonbusiness elective	3	_____			
<i>Liberal Studies</i>			<b>II. Functional Block and Capstone Courses</b> <i>Must be completed with an average GPA of 2.25 or higher</i>		
<i>Scientific and Mathematical Studies</i> 7 (one course must be a lab. science course)			BUS 305 – Business Statistics II (BUS 205) (Bus 305 must be taken before or as a co-requisite for the first course taken in the Bus 311, 321, 351, 361, 371 series) 3 _____		
SMS-F _____	1	_____	<b>Prebusiness requirements must be met before enrollment is allowed in the following courses:</b>		
SMS-F _____	3	_____	BUS 311 – Business Finance	3	_____
SMS-E _____	3	_____	BUS 321 – Intro to Management Information Systems	3	_____
<i>Social and Behavioral Studies</i> 6			BUS 351 – Intro to Operations Management	3	_____
SBS-E *ECON 200	3	X	BUS 361 – Principles of Marketing	3	_____
SBS-F _____	3	_____	BUS 371 – Management and Organizational Behavior	3	_____
<i>Literary, Artistic and Philosophical Studies</i> 6			BUS 401 – Senior Business Experience (BUS 263, 305, 311, 321, 351, 361, 371 series)	3	_____
LAPS:LL _____	3	_____	<b>III. Additional College of Business Requirements:</b>		
LAPS:E _____	3	_____	*BEIT 336 – Business Report Writing (ENG 105, 107 or 108 and completion of 48 hours) 3 X		
<i>Historical Studies</i> 3			BUS 263 - Legal Environment. & Bus (sophomore standing) 3 _____		
HS:R _____	3	_____	+ Students who have <b>not</b> completed BUS 100 at ISU must complete one credit hour of BUS 220 – Dynamics of Professional Success _____		
<i>Multicultural Studies</i> 6			<b>IV. Major Requirements</b> <i>A cumulative GPA of 2.25 is required in all major courses.</i>		
MCS:USD _____	3	_____	BEIT 320 – Microcomputer For Information Processing <b>or</b>		
MCS:IC _____	3	_____	MIS 376 – Bus Comp Systems (BUS 180, 201) <b>or</b> equiv. 3 _____		
<i>Capstone</i> BUS 401 3 X			++ OMA 405 – Business Statistics III (BUS 305) 3 _____		
			++ OMA 435 – Decision Modeling (BUS 305) 3 _____		
			++ OMA 445 - Advanced Operations Management (BUS 351) 3 _____		
			++ OMA 490 - Supply Chain Management (OMA 445) 3 _____		
			++ Electives - Choice of 9 hours from OMA classes numbered 300 and above. Three hours from a closely related area may be chosen with consent of chairperson.		
			_____ 3 _____		
			_____ 3 _____		
			_____ 3 _____		
<b>At least 50 percent of the courses (62 hours) on a student's degree program must be general in nature. Some foundation courses and all General Education courses will count in this category.</b>			<b>Nonbusiness Electives</b> <i>Eight hours of nonbusiness electives must be completed.</i>		
<b>To be eligible for graduation, business majors must meet the following minimum standards:</b>			*ECON 201 3 X		
<b>1. Complete all required courses.</b>			_____ 2 _____		
<b>2. Complete a minimum of 124 hours with a cumulative grade point average of at least 2.25.</b>			_____ 3 _____		
<b>3. Complete the functional block and capstone courses with an average of 2.25 or higher.</b>			<b>General Electives (either business or nonbusiness)</b> <i>Three hours of general electives must be completed.</i>		
<b>4. Complete the major requirements with an average of 2.25 or higher.</b>			_____ 2 _____		
<b>5. Complete at least 50 hours at the 300-400 level. Students must complete 2 hours of liberal studies and/or electives at the 300/400 level to meet this requirement.</b>			++ Classes customarily offered in the fall: OMA 405, 439, 445, 460, 470, 486		
			Classes customarily offered in the Spring: OMA 425, 435, 439, 480, 486, 490		
			<b>*Course is listed in two places on this curriculum guide.</b>		

## OPERATIONS MANAGEMENT AND ANALYSIS

### Freshman Year

BUS 100	3	BUS 180 (BUS 100)	3
COMM 101 <u>or</u> 215	3	P E 101	2
MATH 111, 115, <u>or</u> calculus	3	ENG 105 <u>or</u> nonbusiness elective	3
ENG 101 or ENG 107	3	ECON 200	3
Foreign Language (if required) <u>or</u> Liberal Studies	<u>3</u>	Foreign Language (if required) <u>or</u> Liberal Studies	3
	15	Liberal Studies	<u>3</u>
			17

### Sophomore Year

BUS 201	3	BUS 202 (BUS 201)	3
BUS 205 (MATH 111, 115, <u>or</u> calculus & BUS 180)	3	BUS 305 (BUS 205)	3
ECON 201	3	BUS 263	3
Liberal Studies (science course)	3	Liberal Studies	3
Science lab	1	Liberal Studies	<u>3</u>
Liberal Studies	<u>3</u>		15
	16		

### Junior Year

BEIT 320 or MIS 376	3	BEIT 336	3
BUS 351 (Block I)	3	BUS 361 (Block I)	3
BUS 321 (Block I)	3	BUS 371 (Block I)	3
OMA 405 (BUS 305)	3	OMA 435 (BUS 305)	3
Liberal Studies <u>or</u> nonbusiness elective	<u>3</u>	OMA Elective	3
	15	Nonbusiness elective	<u>2</u>
			17

### Senior Year

BUS 311 (Block I)	3	BUS 401 (BUS 263,305,311,321,351,361,371)	3
OMA 445	3	OMA 490	3
OMA Elective	3	OMA Elective	3
Liberal Studies	3	General elective	2
Liberal Studies <u>or</u> nonbusiness elective	<u>3</u>	Nonbusiness elective	<u>3</u>
	15		14

(Parenthesis indicate prerequisite courses)

Students who have not completed Bus 100 at ISU must complete Bus 220 (Eng 105 or 107 and Comm 101 or 215)

**Students must complete all required courses with a minimum of 124 hours.**