

# MANAGEMENT ACCOUNTING AND ANALYTICS (B.S.)

The Bachelor of Science in Management Accounting and Analytics is fully online and a STEM-designated degree. The curriculum is the same as the Bachelor of Science in Accounting, except the major courses have been modified to introduce courses that will prepare students for the Certified Management Accountant exam (CMA). The accounting track will consist of two introductory courses (financial and managerial accounting) and seven upper-level courses with coursework in cost accounting, auditing, ethics, data analytics, big data, financial statement analysis, financial management and corporate finance.

Code	Title	Hours
<b>General Education Core Curriculum</b>		
<i>Communication</i>		
ENGL 1301	Composition I	3
COMM 1321	Business and Professional Speech	3
<i>Mathematics</i>		
MATH 1324	Mathematics for Business and Social Sciences	3
<i>Life and Physical Science</i>		
Select two of the following:		6
BIOL 1308	General Biology (Non-Science Majors)	
BIOL 1315	Plants and Human Society (Non-Majors)	
BIOL 2306	Environmental Science	
CHEM 1306	Chemistry for Allied Health Sciences	
CHEM 1308	Biochemistry for Allied Health Sciences	
CHEM 1311	General Chemistry I	
CHEM 1312	General Chemistry II	
GEOL 1390	Introductory Environmental & Physical Geology	
PHYS 1305	Elementary Physics I Lecture	
PHYS 1307	Elementary Physics II Lecture	
PHYS 1311	Introduction to Astronomy Lecture	
SPSC 1301	Space Exploration	
<i>Language, Philosophy and Culture</i>		
ENGL 2300	Ethics and Literature	3
or PHIL 2306	Ethics	
<i>Creative Arts</i>		
Select one of the following:		3
ARTS 1301	Art Appreciation	
ARTS 1303	Art History I	
COMM 1375	Film Appreciation	
COSC 1324	The Art of Computer Game Development	
DANC 2303	Dance Appreciation	
MUSI 1306	Music Appreciation	
MUSI 1309	Jazz History and Appreciation	
MUSI 1310	History of Rock and Roll	
PHIL 1330	Arts and Ideas	
THEA 1310	Theatre Appreciation	
<i>American History</i>		
Select two of the following:		6
HIST 1301	U S History I 1763-1877	
HIST 1302	U S History II Since 1877	

HIST 2301	Texas History	
<i>Government/Political Science</i>		
POLS 2301	Intro to American Government I	3
POLS 2302	Intro/American Government II	3
<i>Social and Behavioral Sciences</i>		
Select one of the following:		3
ECON 2301	Principles of Economics I Macro	
or ECON 2302	Principles of Economics II Micro	
<i>Component Area Option</i>		
ENGL 1302	Composition II	3
BUAL 2305	Business Statistics	3
<b>College of Business Core</b>		
ACCT 2301	Introduction to Financial Accounting	3
ACCT 2302	Introduction to Managerial Accounting	3
BULW 1370	Business Environment and Public Policy	3
BULW 3310	Business Law	3
ECON 2301	Principles of Economics I Macro	3
or ECON 2302	Principles of Economics II Micro	
FINC 3310	Principles of Finance	3
MISY 1373	Introduction to Business Technologies	3
MISY 3310	Principles of MIS	3
MGMT 3300	Introduction to Critical Thinking and Business Decision Making	3
MGMT 3310	Principles of Organizational Behavior and Management	3
MGMT 3320	Production Management	3
MGMT 4370	Strategic Analysis	3
MKTG 3310	Principles of Marketing	3
<b>Specialization Courses</b>		
ACCT 3340	Cost Accounting	3
ACCT 3350	Professional Ethics	3
ACCT 4310	Advanced Accounting	3
ACCT 4320	Data Analytics in Accounting	3
ACCT 4330	Financial Analysis and Valuation	3
FINC 3320	Intermediate Financial Mgmt	3
MISY 3390	Data Mining	3
<i>International Cultural Component Area</i>		
Complete one of the following:		3
MGMT 3350	International Business	
Any course taken on a Lamar-sponsored study abroad program.		
Any course transferred from an institution with a study abroad agreement with Lamar		
15 Credit hours of free electives		15
<b>Total Hours</b>		<b>120</b>
<b>Course</b>	<b>Title</b>	<b>Hours</b>
<b>First Year</b>		
<b>Fall</b>		
ENGL 1301	Composition I	3
MATH 1324	Mathematics for Business and Social Sciences	3
ACCT 2301	Introduction to Financial Accounting	3
BULW 1370	Business Environment and Public Policy	3
or MISY 1373	or Introduction to Business Technologies	
Life & Physical Science		3
<b>Hours</b>		<b>15</b>

## 2 Management Accounting and Analytics (B.S.)

<b>Spring</b>		
ENGL 1302	Composition II	3
BUAL 2305	Business Statistics	3
ACCT 2302	Introduction to Managerial Accounting	3
BULW 1370	Business Environment and Public Policy	3
Life & Physical Science		3
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Fall</b>		
ECON 2301	Principles of Economics I Macro	3
HIST 1301	U S History I 1763-1877	3
ACCT 3340	Cost Accounting	3
COMM 1321	Business and Professional Speech	3
Creative Arts		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 2302	Principles of Economics II Micro	3
HIST 1302	U S History II Since 1877	3
MGMT 3300	Introduction to Critical Thinking and Business Decision Making	3
MISY 3310	Principles of MIS	3
MISY 3390	Data Mining	3
<b>Hours</b>		<b>15</b>
<b>Third Year</b>		
<b>Fall</b>		
ACCT 3350	Professional Ethics	3
FINC 3310	Principles of Finance	3
MGMT 3310	Principles of Organizational Behavior and Management	3
POLS 2301	Intro to American Government I	3
ENGL 2300 or PHIL 2306	Ethics and Literature or Ethics	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BULW 3310	Business Law	3
FINC 3320	Intermediate Financial Mgmt	3
MGMT 3320	Production Management	3
POLS 2302	Intro/American Government II	3
Electives		3
<b>Hours</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Fall</b>		
ACCT 4310	Advanced Accounting	3
MKTG 3310	Principles of Marketing	3
Electives		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ACCT 4320	Data Analytics in Accounting	3
ACCT 4330	Financial Analysis and Valuation	3
MGMT 4370	Strategic Analysis	3
Electives		3
International Requirement		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>