

# CEDARVILLE UNIVERSITY

Catalog Year: 2018-2019

## B.A. in Chemistry/M.B.A. | Suggested 5-Year Accelerated Pathway

### First Year

BTGE-1725 The Bible and the Gospel (3)  
CHEM-1110 General Chemistry I (4)  
CHEM-1120 General Chemistry II (4)  
COM-1100 Fundamentals of Speech (3)  
ENG-1400 Composition (3)  
MATH-1710 Calculus I (5)  
MATH-1720 Calculus II (5)  
PEF-1990 Physical Activity and the Christian Life (2)  
LIT-2XXX Literature Elective (3)

**Total Credit Hours: 32**

### Third Year

BTGE-3755 Theology I (3)  
BTGE-3765 Theology II (3)  
CHEM-3510 Organic Chemistry I (4)  
CHEM-3520 Organic Chemistry II (4)  
CHEM-2XXX, 3XXX, or 4XXX (7)  
ECON-2110 Essentials of Economics\* (3)  
Biology Elective (3.5)  
Humanities/Global Awareness Elective (3)  
Electives (3)

**Total Credit Hours: 33.5**

### Fifth Year

ACCT-6300 Accounting for Business Executives (3)  
ECON-6400 Managerial Economics (3)  
FIN-6500 Executive Financial Management (3)  
ITM-6800 IT for Comp Advantage (3)  
MRKT-6200 Strategic Marketing Planning (3)

### Second Year

BTGE-2730 Old Testament Literature (3)  
BTGE-2740 New Testament Literature (3)  
CHEM-2210 Analytical Chemistry I (3)  
CHEM-2800 Introduction to Research in Chemistry (1)  
GSS-1100 Politics and American Culture (3)  
HUM-1400 Introduction to the Humanities (3)  
PHYS-2110 General Physics I (4)  
PHYS-2120 General Physics II (4)  
Electives (6)

**Total Credit Hours: 30**

### Fourth Year

ACCT-2110 Principles of Accounting I (3)  
ACCT-2120 Principles of Accounting II (3)  
CHEM-4310 Thermodynamics and Kinetics (4)  
(or CHEM-4320 Quantum Mechanics and Spectroscopy (4))  
CHEM-4800 Senior Seminar - Chemistry (1)  
CHEM-4830 Chemistry Research (2)  
GMTH-2110 Introduction to Biostatistics\*\* (3)  
History Elective (3)  
Electives (8)  
MGMT-6710 Organizational Design and Behavior (3)  
M.B.A. Core or Elective\*\*\* (3)

**Total Credit Hours: 33**

Legal/Ethics Course† (3)  
Quantitative Course† (3)  
Capstone Course† (3)  
Electives (6)  
**Total Credit Hours: 30**

This 5-year accelerated pathway assumes prior completion of undergraduate proficiency requirements and a minimum of two years of foreign language in high school.

\*ECON-2110 satisfies the social science elective for the B.A. general education requirements and satisfies the M.B.A. microeconomics prerequisite.

\*\*GMTH-2110 (or another approved statistics course) satisfies the M.B.A. business statistics prerequisite.

\*\*\*Contact the M.B.A. graduate advisor during your B.A. studies to identify the M.B.A. core or elective course that will satisfy the M.B.A. generalist/concentration pathway you plan to complete.

†The M.B.A. course you select depends on the M.B.A. generalist/concentration pathway you plan to complete.

Required prerequisite course for the M.B.A. program

M.B.A. course