

CEDARVILLE UNIVERSITY

Catalog Year: 2018-2019

B.S. 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)
History Elective (3)

Total Credit Hours: 32

Third Year

BTGE-3755 Theology I (3)
BTGE-3765 Theology II (3)
CHEM-4310 Thermodynamics & Kinetics (4)
CHEM-4320 Quantum Mechanics and Spectroscopy (4)
GSS-1100 Politics and American Culture (3)
HUM-1400 Introduction to the Humanities (3)
LIT-2XXX Literature Elective (3)

ECON-2110 Essentials of Economics* (3)

GMTH-2110 Introduction to Biostatistics** (3)

Electives (3)

Total Credit Hours: 32

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-2220 Analytical Chemistry II (3)
CHEM-2800 Introduction to Research in Chemistry (1)
CHEM-3510 Organic Chemistry I (4)
CHEM-3520 Organic Chemistry II (4)
PHYS-2110 General Physics I (4)
PHYS-2120 General Physics II (4)
Biology Elective (3.5)

Total Credit Hours: 32.5

Fourth Year

ACCT-2110 Principles of Accounting I (3)

ACCT-2120 Principles of Accounting II (3)

CHEM-3410 Inorganic Chemistry (3)

CHEM-4800 Senior Seminar - Chemistry (1)

CHEM-4830 Chemistry Research (3)

CHEM-2XXX, 3XXX, or 4XXX (10)

Humanities/Global Awareness Elective (3)

MGMT-6710 Organizational Design and Behavior (3)

M.B.A. Core or Elective*** (3)

Total Credit Hours: 32

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.

*ECON-2110 satisfies the social science elective for the B.S. 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.S. 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