

CEDARVILLE UNIVERSITY

Catalog Year: 2018-2019

B.S. in Molecular Biology/M.B.A. | Suggested 5-Year Accelerated Pathway

First Year

BIO-1110 Introduction to Biology (4)
BIO-2250 Cell Biology (4)
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)
HUM-1400 Introduction to the Humanities (3)
PEF-1990 Physical Activity and the Christian Life (2)
LIT-2XXX Literature Elective (3)

Total Credit Hours: 33

Third Year

ACCT-2110 Principles of Accounting I (3)
ACCT-2120 Principles of Accounting II (3)
BIO-3300 Genetics (4)
BIO-3710 Biochemistry (4)
BIO-3800 Biological Research (2)
(or BIO-3810 Biology Research Internship (2))
BTGE-2730 Old Testament Literature (3)
BTGE-2740 New Testament Literature (3)
PHYS-1010 College Physics I (4)
PHYS-1020 College Physics II (4)
History Elective (3)

Total Credit Hours: 33

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

BIO-1120 General Zoology (4)
(or BIO-2500 General Botany (4))
BIO-4210 Advanced Cell Biology (4)
CHEM-3510 Organic Chemistry I (4)
CHEM-3520 Organic Chemistry II (4)
ECON-2110 Essentials of Economics* (3)
GMTH-2110 Introduction to Biostatistics** (3)
GSS-1100 Politics and American Culture (3)
MATH-1700 Calculus and Dynamical Systems for the Life Sciences (4)
Humanities/Global Awareness Elective (3)

Total Credit Hours: 32

Fourth Year

BIO-4300 Molecular Biology of the Cell (4)
BIO-4800 Senior Seminar - Biology (1)
BTGE-3755 Theology I (3)
BTGE-3765 Theology II (3)
Biology Electives (16)
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.

Students pursuing this suggested pathway will complete their B.S. degree with 131 semester credits, instead of the typical 128 semester credits. With careful planning, all B.S. degree requirements and satisfaction of M.B.A. prerequisite courses can be completed without exceeding block-tuition.

*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