Naveen Jindal School of Management

Bachelor of Science in Business Administration and Biology (Double Major)

Degree Requirements (143 hours)

I. Core Curriculum Requirements: 42 hours

Communications (6 hours)
- 3 hours Communication (RHET 1302)
- 3 hours Communication Elective (BCOM 3311)

Social and Behavioral Sciences (15 hours)
- 6 semester credit hours Government (GOVT 2301 and GOVT 2302)
- 6 hours American History
- 3 hours Social and Behavioral Sciences Elective (ECON 2301)

Humanities and Fine Arts (6 hours)
- 3 hours Fine Arts (ARTS 1301)
- 3 hours Humanities (HUMA 1301)

Mathematics and Quantitative Reasoning (6 hours)
- 6 hours Calculus (MATH 2413 and MATH 2414)

Science (9 hours)
- 9 hours Chemistry (CHEM 1311 and CHEM 1111, CHEM 1312 and CHEM 1112, and CHEM 2123)

II. Major Requirements: 89 hours

Business Major Preparatory Courses (16 hours beyond Core Curriculum)
- ACCT 2301 Introductory Financial Accounting
- ACCT 2302 Introductory Management Accounting
- BA 3100 Professional Development
- BLAW 2301 Business and Public Law
- ECON 2301 Principles of Macroeconomics
- ECON 2302 Principles of Microeconomics

**Quantitative Business Analysis**

or **Matrices, Vectors, and Their Application**

**Business Core Courses (27 hours)**

- **Business Communication**
- **Advanced Business Communication**
- **Business Finance**
- **Introduction to Management Information Systems**
- **Operations Management**
- **Organizational Behavior**
- **Principles of Marketing**
- **Strategic Management**
- **International Business**
- **Probability and Statistics for Management and Economics**
  - or **Statistics for Life Sciences**
  - or **Managerial Methods in Decision Making Under Uncertainty**

**Biology Major Preparatory Courses (17 hours beyond Core Curriculum)**

- **General Chemistry Laboratory I**
- **General Chemistry Laboratory II**
- **General Chemistry I**
- **General Chemistry II**
- **Introductory Organic Chemistry Laboratory I**
- **Introductory Organic Chemistry Laboratory II**
- **Introductory Organic Chemistry I**
- **Introductory Organic Chemistry II**
- **Differential Calculus and Integral Calculus**
- **Mechanics and Physics Laboratory I**
- **Electromagnetism and Waves and Physics Laboratory II**

**Biology Core Courses (29 hours)**

- **Introduction to Modern Biology Workshop I**
- **Introduction to Modern Biology Workshop II**
- **Introductory Biology Laboratory**

BIOL 2311 Introduction to Modern Biology I
BIOL 2312 Introduction to Modern Biology II
BIOL 3101 Classical and Molecular Genetics
BIOL 3102 Eukaryotic Molecular and Cell Biology Workshop
BIOL 3161 Biochemistry Workshop I
BIOL 3162 Biochemistry Workshop II
BIOL 3301 Classical and Molecular Genetics
BIOL 3302 Eukaryotic Molecular and Cell Biology
BIOL 3361 Biochemistry I
BIOL 3362 Biochemistry II
or BIOL 3335 Microbial Physiology
BIOL 3380 Biochemistry Laboratory

III. Elective Requirements: 12 hours

Guided Electives (12 hours)

Business (9 hours): To be selected from any upper-division JSOM courses. If qualified, the student may select from JSOM graduate courses.
Biology (3 hours): BIOL 4380 Cell and Molecular Biology Laboratory or approved upper-division biology course.

1. Degree is 144 hours if students are required to take BA 1100.
2. Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parentheses are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.
3. A required Major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.
4. Six hours of Calculus are counted under Mathematics Core, and 2 hours of Calculus are counted as Biology Major Preparatory Courses.
5. Indicates a prerequisite class to be completed before enrolling for upper-division classes.
6. Students may substitute MATH 2418 or CS 2305.
7. Students may substitute MATH 2413 and MATH 2414 by taking MATH 2417 and MATH 2419.

Updated: 2019-08-09 13:10:55 v2.776295