Naveen Jindal School of Management

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

Degree Requirements (140-141 hours)

I. Core Curriculum Requirements: 42 hours

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

Social and Behavioral Sciences (15 hours)
- 6 hours Government (GOVT 2301 and 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, CHEM 1111, CHEM 1312, CHEM 1112 and CHEM 2123)

II. Major Requirements: 86 hours

Business Major Preparatory Courses (15 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

OPRE 3333
Quantitative Business Analysis

or MATH 2333
Matrices, Vectors, and Their Application

Business Core Courses (27 hours)

BCOM 3311
Business Communications

BCOM 4350
Advanced Business Communications

FIN 3320
Business Finance

MIS 3300
Introduction to Management Information Systems

OPRE 3310
Operations Management

OBHR 3310
Organizational Behavior

MKT 3300
Principles of Marketing

BPS 4305
Strategic Management

IMS 3310
International Business

STAT 3360
Probability and Statistics for Management and Economics

or STAT 3332
Statistics for Life Sciences

or OPRE 3360
Managerial Decision Making under Uncertainty

Biology Major Preparatory Courses (15 hours beyond Core Curriculum)

CHEM 1111
General Chemistry Laboratory I

CHEM 1112
General Chemistry Laboratory II

CHEM 1311
General Chemistry I

CHEM 1312
General Chemistry II

CHEM 2123
Introductory Organic Chemistry Laboratory I

CHEM 2125
Introductory Organic Chemistry Laboratory II

CHEM 2323
Introductory Organic Chemistry I

CHEM 2325
Introductory Organic Chemistry II

MATH 2413
Differential Calculus and MATH 2414
Integral Calculus

PHYS 2325 and PHYS 2125
Mechanics with Laboratory
PHYS 2326 and PHYS 2126 Electromagnetism and Waves with Laboratory

Biology Core Courses (29 hours)

BIOL 2111 Introduction to Modern Biology Workshop I
BIOL 2112 Introduction to Modern Biology Workshop II
BIOL 2281 Introductory Biology Laboratory
BIOL 2311 Introduction to Modern Biology I
BIOL 2312 Introduction to Modern Biology II
BIOL 3101 Classical and Molecular Genetics Workshop
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

Advanced Electives

All students are required to take at least six hours of Advanced Electives outside their major field of study. These must be either upper-division classes or lower-division classes that have prerequisites. These are satisfied with CHEM 2323 and CHEM 2325 counted under Major Preparatory Courses above.

Guided Electives (12 hours)

Business: (9 hours) to be selected from any upper-level JSOM course. If qualified, the student may select from JSOM graduate courses.

Biology: (3 hours) BIOL 4380 Cell and Molecular Biology Laboratory or approved upper-level biology course.

1. Degree is 141 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. Indicates a prerequisite class to be completed before enrolling for upper-division classes.

4. A required Major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.

5. Students may substitute MATH 2418 or CS 2305.

6. Students may substitute MATH 2413 and MATH 2414 by taking MATH 2417 and MATH 2419.

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