

Biological Sciences B.A./B.S.

Biological Sciences B.A./B.S. Web Site (<https://www.tamuc.edu/programs/biological-science-ba-bs/>)

Core Curriculum Courses

See the Core Curriculum Requirements (<https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required courses in the major 30

| | | |
|----------|---------------------------------|---|
| BSC 1406 | Introductory Biology I | 4 |
| BSC 1407 | Introductory Biology II | 4 |
| BSC 303 | Cell Biology | 4 |
| BSC 304 | Genetics | 4 |
| BSC 305 | General Physiology | 4 |
| BSC 306 | Applied Microbiology | 4 |
| BSC 307 | Ecology | 3 |
| BSC 401 | Research Literature and Seminar | 3 |

Required support courses 26

| | | |
|--------------|--|---|
| CHEM 1311 | General and Quantitative Chemistry I * | |
| CHEM 1111 | General and Quantitative Chemistry Laboratory I | 1 |
| CHEM 101 | General Chemistry Tutorial I | 1 |
| CHEM 1312 | General and Quantitative Chemistry II * | |
| CHEM 1112 | General and Quantitative Chemistry Laboratory II | 1 |
| CHEM 102 | General Chemistry Tutorial II | 1 |
| CHEM 2323 | Organic Chemistry I | 3 |
| CHEM 2123 | Organic Chemistry Laboratory I | 1 |
| CHEM 2325 | Organic Chemistry II | 3 |
| CHEM 2125 | Organic Chemistry Laboratory II | 1 |
| PHYS 1401 | College Physics I | 4 |
| or PHYS 2425 | University Physics I | |
| PHYS 1402 | College Physics II | 4 |
| or PHYS 2426 | University Physics II | |
| SOC 1301 | Introduction to Sociology * | |

Plus 6 Sequential sh from:

| | | |
|-----------|-------------------|---|
| MATH 1314 | College Algebra * | |
| MATH 2312 | Pre-Calculus * | 3 |
| MATH 2413 | Calculus I * | |
| MATH 2414 | Calculus II * | |

Plus one course from:

| | | |
|-------------|-------------------------------|---|
| BSC 412 | Fundamentals of Biostatistics | 3 |
| or MATH 453 | Essentials of Statistics | |

Plus one course from:

| | | |
|----------|------------------------------|--|
| HHPH 331 | Nutrition * | |
| PSY 2301 | Introduction to Psychology * | |

Advanced Courses Required 22

Choose from 300 or 400 upper level BSC courses other than the required courses in the major.

Total Hours 120

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This course may be used to satisfy the Core Curriculum Requirements.
A grade of "C" or higher must be earned in all courses in this Major.