| Major Requirements |  |  |  |
| :---: | :---: | :---: | :---: |
| Lower Division Requirements | Pre-Req | Units | Note |
| MAT101 Orientation to the Discipline | - | 1 | Spring only |
| MAT125 Mathematics Concepts \& Applications I | MAT115 | 3 | Fall only |
| MAT127 Mathematics Concepts \& Applications II | MAT125 | 3 | Spring only |
| MAT135 Pre-Calculus | MAT115 | 3 |  |
| MAT245 Analyitcal Geometry \& Calculus I | MAT135 or 145 | 4 |  |
| MAT250 Modeling \& Applications of Calculus | MAT245 | 2 | Spring only |
| MAT255 Analytical Geometry \& Calculus II | MAT245 | 4 |  |
|  |  |  |  |
| Upper Division Requirements | Pre-Req | Units | Note |
| EDU300 American Public Schools | - | 3 | Certificate of Clearance required |
| EDU302 Growth, Development \& Learning |  | 3 | Certificate of Clearance required |
| EDU341 The Exceptional Child | - | 3 | Certificate of Clearance required |
| ETC305 Educational Computing | - | 3 |  |
| MAT313 Mathematical Proofs \& Structures | MAT245 | 3 | Fall only |
| MAT353 Probability \& Statistics | MAT245 | 3 | Fall only (even years) |
| MAT363 History of Math \& Theory of Numbers | Pre or Co: MAT313 | 3 | Fall only (odd years) |
| MAT403 Linear Algebra | MAT313 | 3 | Spring only (even years) |
| MAT463 Fundamental Concepts of Geometry | MAT313 | 3 | Spring only (odd years) |
| MAT499 Capstone | - | 4 | Chair consent needed |
|  |  |  |  |
| Elective Requirements | Pre-Req | Units | Note |
| Complete a set of two courses from the following: |  |  |  |
| MAT343 Multivariable Calculus and MAT443 Advanced Calculus | MAT255 | 4 |  |
|  | MAT313 | 3 | Spring only (odd years) |
| PHY214 Physics for Scientists I w/Lab and PHY224 Physics for Scientists II w/Lab | MAT245 \& Exam | 4 | Fall only |
|  | PHY214 | 4 | Spring only |


| Total Major Units: | 59 |
| ---: | ---: |
| Upper Division Major Units: | 31 |


| Competency Requirements | Units | Note |
| :--- | :---: | :--- |
| English Competency | 3 | ENG113 required |
| Math Competency | 3 | MAT363* will fulfill |
| Technology | 3 | ETC305* will fulfill |
| Foreign Language I | 3 |  |
| Foreign Language II | 3 |  |

If you are exempt from a Competency Requirement, add those units to Additional Elective Units Needed.

| Core Curriculum | Units | Note |
| :--- | :---: | :--- |
| Behavioral Science | 6 |  |
| English Composition | 3 | ENG123 required |
| English or Film | 3 |  |
| Communication Arts | 3 |  |
| Art or Music | 3 |  |
| Philosophy | 3 |  |
| US History | 3 |  |
| Non-US History | 3 |  |
| Political Science | 4 | PHY214 will fulfill |
| Lab Science | 9 | PHY224 will fulfill |
| Science or Kinesiology | 9 |  |
| Christian Studies |  |  |
| *Course is interdisciplinary |  |  |
| Upper Division Requirements | $\mathbf{1 2}$ |  |
| Interdisciplinary Requirements | $\mathbf{9}$ | ETC305 \& MAT363 will fulfill 6 units |
| Multicultural Requirements | $\mathbf{9}$ | ENG123 \& MAT363 will fulfill 6 units |

Total Required GE units:

Upper Division Required GE Units: 12
$\qquad$ 17

Upper Division Elective Units Needed: $\qquad$ 0

## About This Plan

- This plan is not a contract. Curriculum can be subject to change. - Highlighted courses and fields are major specific
- Descriptions for all courses can be found in the CBU catalog at www.calbaptist.edu/about/universitycatalogs.aspx.
- To graduate, all students need 124 total units, 39 of which must be upper division.
- Courses numbered in the 300's and 400's are upper division. - GST100, ENG103, and MAT095 count as elective units.


## Contact Information

| Department of Natural \& Mathematical Sciences |  |
| :--- | :--- |
| (951) 343-4380 | James 244 |
| - Dr. Lisa Hernandez, Dean | lhernandez@ calbaptist.edu |
| - Debbie Spala, Department Secretary | dspala@calbaptist.edu |
| - Dr. Frank Pankowski, Faculty Advisor | fpankows@calbaptist.edu |
|  |  |
| Office of Enrollment Advising Yeager B150 <br> (951) 343-4567 advising@calbaptist.edu |  |



