# Guided Pathway

Effective for the 2019-2020 Catalog

## First Year – Galveston College

### FIRST SEMESTER
- ENGL 1301 Composition I
- HIST 1301 US History I
- MATH 2312 Pre-Calculus
- Life & Physical Science Elective
- Creative Arts Elective

### SECOND SEMESTER
- ENGL 1302 Composition II
- HIST 1302 US History II
- MATH 2413 Calculus I
- MATH 2305 Discrete Mathematics
- PHYS 2425 - University Physics I (PHYS 2325+2125)

Total Semester Hours: 15

### Second Year – Galveston College

It’s best to apply to Tarleton State University a full semester before you plan to transfer.

### FIRST SEMESTER
- GOVT 2305 Federal Government
- PSYC 2301 – General Psychology
- MATH 2414 Calculus II
- MATH 2318 Linear Algebra
- COMM 1311 – Introduction to Speech Communication (SPCH 1311)

### SECOND SEMESTER
- GOVT 2306 Texas Government
- MATH 2415 Calculus III
- MATH 2320 Differential Equations
- Language, Philosophy & Culture Elective
- COMM 1311 – Introduction to Speech Communication (SPCH 1311)

Total Semester Hours: 13

### Third Year – Tarleton State University

### FIRST SEMESTER
- ACCT 2301 – Principles of Accounting I
- COMM 1315 – Public Speaking (SPCH 1315)

### SECOND SEMESTER
- MATH 3433 – Calculus III
- MATH 3311 – Probability and Statistics (Fall Onl

### Fourth Year – Tarleton State University

### FIRST SEMESTER
- COSC 1310 – Procedural Programming
- MATH 3301 – Number Theory (Spring Only) OR MATH 3306 – Differential Equations

### SECOND SEMESTER
- MATH 3320 – Foundations of Mathematics (Spring Only)
- MATH 4332 – Abstract Algebra (Spring Only)

### TOTAL: 128

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

* This course counts for the Core Curriculum at any public college or university in Texas.

* Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

* Choose from the following:

  MATH 3301 – Number Theory (Spring Only) OR MATH 3360 – Numerical Analysis (Fall Even Years)
  MATH 4306 – Partial Differential Equations (Spring Even Years) OR MATH 4320 – Mathematical Modeling (Fall Odd Years)
  MATH 4088 – Undergraduate Research Project OR MATH 4390 – Math Topics (Spring Odd Years)

For questions about the university portion of this pathway, contact the Math department at 254-968-9168.