This program map indicates the major coursework and recommended general educational courses by term that are needed to fulfill your degree in two years if enrolled full-time (approximately 15 units per term). Program completion within this timeframe is dependent on your schedule availability and when courses are offered. Transfer requirements vary based on institution. Please see a Counselor to develop your educational plan and determine appropriate work/life/school balance.

### SEMESTER 1
- PHYS-44 Physics for Scientists and Engineers I: 4 units
- MATH-65A Calculus I: 4 units
- ENGL-1A Composition: 3 units
- MUSIC-4 Music Appreciation: 3 units
- **TOTAL UNITS: 14**

### SEMESTER 2
- PHYS-45 Physics for Scientists and Engineers II: 5 units
- MATH-65B Calculus II: 4 units
- ENGL-1B Advanced Composition and Critical Thinking: 3 units
- PHIL-70 Introduction to Philosophy: 3 units
- **TOTAL UNITS: 15**

### SUMMER
- MATH-75 Calculus III: 5 units
- **TOTAL UNITS: 5**

### SEMESTER 3
- PHYS-46 Physics for Scientists and Engineers II: 5 units
- ECON-1 Introduction to Economics: 3 units
- COMSTD-8 Fundamentals of Speech Communication: 3 units
- BIOL-10 Concepts of Biology: 3 units
- **TOTAL UNITS: 14**

### SEMESTER 4
- PHYS-47 Physics for Scientists and Engineers III: 5 units
- PS-1 American Politics: 4 units
- IGETC AREA 3A or 3B: Arts or Humanities: 3 units
- HIST-17 OR HIST-18 U.S. History Through 1877 OR U.S. History From 1865: 3 units
- **TOTAL UNITS: 15**

### My Checklist

#### PRE-REGISTRATION CHECKLIST
- Submit official high school transcripts.
- Complete prerequisite validation form in counseling to clear 1 year of high school Physics.
- Check with a counselor to verify language other than English.

#### COMPLETE AN EDUCATIONAL PLAN WITH A COUNSELOR
- Inform counselor of your area of interest.

#### REVIEW MAJOR PREPARATION
- Update your ed plan with a counselor.
- See a counselor to review transfer requirements.

#### START A TRANSFER CHECK
- Visit the transfer center and register for a university or campus tour.

#### APPLY FOR TRANSFER
- Attend the Transfer Fair, transfer workshops, and meet with university representatives.
- Complete your transfer applications.

#### COMPLETE A GRADUATION CHECK
- Visit a counselor or GPS Center for a graduation check.

#### UPDATE TRANSFER APPLICATIONS
- Submit required documents to the transfer institutions.

### VISIT THE CAREER CENTER
- Go to the Career Center for job search strategies, resume assistance, and interview preparation.

*English and Mathematics placement relies on high school performance data. Direct placement into transfer-level English (ENGL 1A) and Mathematics (for quantitative reasoning) provides the most efficient path to a degree or certificate.*