YEAR ONE

- **CH 121/125** (4) — Chemistry I
- **MA 171** (4) — Calculus 1
- **FYE 101E** (1) — Charger Success
- **EGR 101** (3) — Comp for Engineers

College Writing
- **EH 101** — Writing I
- **EH 105** — Honors EH
- **EH 102** — Writing II
- **EH 103** — Accel EH
- EH 101+102 or EH 105 or EH 103

- **MA 172** (4) — Calculus 2
- **PH 111/114** (4) — Physics I
- **HSBA/HFA** (3)
- **HSBS/HFA** (3)

YEAR TWO

- **MA 201** (4) — Calculus 3
- **PH 112/115** (4) — Physics II
- **MAE 271** (3) — Statics
- **MA 244** (3) — Linear Algebra
- **EGR 299** (0) — Mentoring I
- **MAE 211** (2) — Intro CAD

- **MA 238** (3) — Diff Equations
- **MAE 272** (3) — Dynamics
- **MAE 370/375** (4) — Mech of Materials
- **MAE 284/284L** (3) — Numerical Methods
- **MAE 200** (3) — Princ Aero & Astro

YEAR THREE

- **MAE 341** (3) — Thermodynamics I
- **EE 213** (3) — Elec Circuits I
- **Science Elect** (3) — Approved Course
- **MAE 330/331** (4) — Fund of Aerodyn
- **EGR 399** (0) — Mentoring II
- **MAE 371** (3) — Aerosp Structures

- **ISE 321** (3) — Eng Economy
- **MAE 311/311L** (3) — Prin Meas & Instr
- **MAE 488** (3) — Analy of Eng Sys
- **MAE 343** (3) — Comp Aerodyn
- **HSBS/HFA** (3)
- **HSBS/HFA** (3)

YEAR FOUR

- **MAE 490** (3) — Senior Design I
- **MAE 480** (3) — Air Stab & Control
- **MAE 440 or 441** (3) — Rock or Air Prop
- **Tech Elective** (3) — 300+ Aprd. by Advisor
- **HSBS/HFA** (3)

- **MAE 491** (3) — Senior Design II
- **MAE 469** (3) — Astrodynamics
- **Tech Elective** (3) — 300+ Aprd. by Advisor
- **HSBA/HFA** (3)
- **MAE 471** (3) — Adv Aero Stuc & Mat

Legend (Updated: 7/25/25)
- Mathematics
- Physics
- Chemistry / Biology
- Engineering General
- Engineering Major
- Engineering Elective
- College Writing
- History, Social & Behavioral Science Humanity & Fine Art
- Offered only in semester listed
- (3) Credit Hours
- → Prerequisite
- --→ Prereq w/concurrency

Note: No ET (Engineering Technology) courses may be used to satisfy degree requirements.