

# Suggested Arrangement of Courses, Aerospace Engineering (BSAsE)

Part I; <sup>040</sup> Humanities; <sup>050</sup> Visual and Performing Arts; <sup>060</sup> U.S. History; <sup>070</sup> American and Texas Government; <sup>080</sup> Social and Behavioral Sciences; <sup>090</sup> First-Year Signature Course; <sup>093</sup> Natural Science and Technology, Part II

*Skills and Experience Flags:* <sup>Wr</sup> Writing; <sup>QR</sup> Quantitative Reasoning; <sup>GC</sup> Global Cultures; <sup>CD</sup> Cultural Diversity; <sup>E</sup> Ethics; <sup>II</sup> Independent Inquiry

## Undergraduate Degree Program listing

| First Year                                           |       |                                                 |       |                              |       |
|------------------------------------------------------|-------|-------------------------------------------------|-------|------------------------------|-------|
| First Term                                           | Hours | Second Term                                     | Hours | Summer Term                  | Hours |
| M 408C (Core) <sup>020, QR</sup>                     |       | 4 M 408D (Major)                                |       | 4 Study Abroad (Opportunity) |       |
| CH 301 (Core) <sup>030</sup>                         |       | 3 COE 301 (Major)                               |       | 3 Internship (Opportunity)   |       |
| RHE 306 (Core) <sup>010</sup>                        |       | 3 PHY 303K & PHY 105M (Core) <sup>030, WR</sup> |       | 4                            |       |
| Social and Behavioral Sciences (Core) <sup>080</sup> |       | 3 U.S. History (Core) <sup>060</sup>            |       | 3                            |       |
| UGS 302 or 303 (Core) <sup>090, Wr</sup>             |       | 3 GOV 310L (Core) <sup>070</sup>                |       | 3                            |       |
|                                                      | 16    |                                                 | 17    |                              | 0     |
| Second Year                                          |       |                                                 |       |                              |       |
| First Term                                           | Hours | Second Term                                     | Hours | Summer Term                  | Hours |
| M 427J (Major) <sup>QR</sup>                         |       | 4 M 427L (Major)                                |       | 4 Study Abroad (Opportunity) |       |
| E M 306 (Major)                                      |       | 3 COE 311K (Major)                              |       | 3 Internship (Opportunity)   |       |
| PHY 303L & PHY 105N (Core) <sup>093</sup>            |       | 4 E M 311M (Major)                              |       | 3                            |       |
| M E 210 (Major)                                      |       | 2 E M 319 (Major)                               |       | 3                            |       |
| M E 310T (Major)                                     |       | 3 E S 333T (Major) <sup>E, Wr</sup>             |       | 3                            |       |
|                                                      | 16    |                                                 | 16    |                              | 0     |
| Third Year                                           |       |                                                 |       |                              |       |
| First Term                                           | Hours | Second Term                                     | Hours | Summer Term                  | Hours |
| ASE 320 & ASE 120K (Major)                           |       | 4 ASE 362K (Major)                              |       | 3 Study Abroad (Opportunity) |       |
| ASE 330M (Major) <sup>QR</sup>                       |       | 3 ASE 367K (Major)                              |       | 3 Internship (Opportunity)   |       |
| ASE 366K (Major)                                     |       | 3 ASE course (Elective)                         |       | 3                            |       |
| Structures (Elective)                                |       | 3 ASE 370C (Major)                              |       | 3                            |       |
| E 316L, 316M, 316N, or 316P (Core) <sup>040</sup>    |       | 3 ASE 375 (Major)                               |       | 3                            |       |
|                                                      | 16    |                                                 | 15    |                              | 0     |
| Fourth Year                                          |       |                                                 |       |                              |       |
| First Term                                           | Hours | Second Term                                     | Hours | Summer Term                  | Hours |
| ASE 376K (Major)                                     |       | 3 ASE 324L (Major)                              |       | 3 (None)                     |       |
| ASE course (Elective)                                |       | 3 ASE course (Elective)                         |       | 3                            |       |
| ASE course (Elective)                                |       | 3 Design 2 course (Elective)                    |       | 3                            |       |
| Design course + 1 Lab (Elective)                     |       | 4 U.S. History (Core) <sup>060</sup>            |       | 3                            |       |
| Visual and Performing Arts (Core) <sup>050</sup>     |       | 3 GOV 312L (Core) <sup>070</sup>                |       | 3                            |       |
|                                                      | 16    |                                                 | 15    |                              | 0     |
| Total credit hours: 127                              |       |                                                 |       |                              |       |

*Four-year degree suggestion (for planning purposes only).*

*Currently enrolled students should meet with their academic advisor.*

Course categories: Core, General Education, Major, Elective, Opportunity

Core Component Areas: <sup>010</sup> English Composition and Core Writing Flag; <sup>020</sup> Mathematics; <sup>030</sup> Natural Science and Technology,