MECHANICAL ENGINEERING MAJOR (Aerospace Concentration) (2022-2023)

FALL (16 hrs)	SPRING (16 hrs)	FALL (16 hrs)	SPRING (16 hrs)	FALL (16 HRS)	SPRING (16 hrs)	FALL (16 hrs)	SPRING (16 hrs)
◊ EGR 1101 NEW STUDENT EXPERIENCE		ELC 2320 CIRCUITS (MTH 1322, PHY 1430)	◊ ME 2321 DYNAMICS	MTH 2311 LINEAR ALGEBRA	ME 4327 NUMERICAL METHODS	ME 4325 DYNAMIC SYSTEMS	◊ ME 4350 FLIGHT DYNAMICS & CONTROL
◊ EGR 1301 INTRO β	EGR 1302 ANALYSIS β	◊ ME 2320 STATICS (PHY 1420)	ME 2345 THERMO (PHY 1420, MTH 1322)	◊ ME 4346 INTRO TO AERO (MTH 1322)	◊ ME 3322 MATERIALS (CHE 1301, MTH 3325)	ME 3323 MACHINE DESIGN	◊ ME 4347 PROPULSION (ME 4346)
MTH 1321 CAL 1	MTH 1322 CAL 2	MTH 2321 CAL 3	MTH 3325 ODE	◊ ME 3320 STRENGTH OF MATERIALS	ME 3321 FLUIDS	ME 3122 MATERIALS LAB	ME ELECTIVE
CHE 1301 CHEMISTRY	PHY 1420 PHYSICS 1	PHY 1430 PHYSICS 2	STA 3381 STATISTICS	ME 3420 I&M (ELC 2320, ME 2345)	EGR 3380 JR DESIGN (ELC 2320, ME 2321)	ME 4345 HEAT TRANSFER	EGR 4390 SR DESIGN
REL 1310 SCRIPTURES	REL 1350 HERITAGE	∞ GTX 2302 MEDIEVAL	* FOREIGN LANGUAGE & CULTURE DL	EGR 2108 ENGINEERING ECONOMICS (EGR 1302)	PWR 3300 TECHNICAL WRITING (ENG 1310)	EGR 3305 OR EGR 3315 ETHICS (EGR 1302)	ME 3145 THERMO/ FLUIDS LAB
ENG 1310 WRITING	GTX 2301 ANCIENT		ME 2170 CAD LAB (EGR 1302)	LF 11XX FITNESS		▲ AERO ELECTIVE	★ PSC 1387 US CONST
CHA 10XX CHAPEL	CHA 10XX CHAPEL			LF 11XX FITNESS	LF 11XX FITNESS		

◊ Course offered only in semester indicated

→ Prerequisite

- → Prerequisite or concurrent enrollment

β Must complete course with a grade of "B" or better to move into the degree-granting majors

∞ GTX 2302 or ENG 2301, 2304, 2306, 2310

★ PSC 1387 or option to take ENG 2301 instead, unless already substituted for GTX 2302

* See Engineering Foreign Language & Culture Distribution List in Undergraduate Catalog

▲ Aero Electives: ME 4322, ME 4324, ME 4337, ME 4344, ME 4349, or ME 4356

NOTES: This flowchart is meant to be an advising tool. The BU Undergraduate Catalog serves as the student's final authority on all degree requirements.

4/22 SM