

**Advising Sheet: B.S. in Engineering – Global Security Studies**  
**2024-2025 Catalog and Forward**

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Fall					Spring				
Freshman:	Hrs	Grade	Sem	Prereq/Coreq		Hrs	Grade	Sem	Prereq/Coreq
Writ 101	(3)					Writ 102	(3)		Writ 101
Math 261	(3)			Math ACT 24		Math 262	(3)		Math 261 (Min C)
Chem 105	(3)			Math ACT 24, Chem 115		Chem 106 ⚓	(3)		Chem 105 (Min C), Chem 116
Chem 115	(1)			Chem 105		Chem 116 ⚓	(1)		Chem 106
Engr 100	(3)					Csci 251/256	(3)		Math 261
Fine Arts Elective	(3)					Humanities Elective	(3)		
<b>Total Hours</b>	16					<b>Total Hours</b>	16		
<b>Sophomore:</b>									
Math 263	(3)			Math 262 (Min C)		Math 264	(3)		Math 263 (Min C)
Phys 211	(3)			Math 262, Phys 221		Math 353	(3)		Math 263 (Min C)
Phys 221	(1)			Phys 211		Phys 212	(3)		Phys 211 Phys 222
Engr 309	(3)			Math 263, Phys 211		Phys 222	(1)		Phys 212
Engr 201	(3)					Engr 321	(3)		Chem 105, Math 262
ISS 135	(3)					ISS 301	(3)		ISS 125 OR ISS 135
<b>Total Hours</b>	16					<b>Total Hours</b>	16		
<b>Junior:</b>									
Engr 360	(3)			Math 262, Phys 211, Phys 212		Engr 361	(1)		Engr 360
Engr 313	(3)			Chem 105		Engr 310	(3)		Math 262
Engr 314	(1)			Engr 313		Engr 323	(3)		Phys 211, Math 264, Engr 309
ISS 351	(3)			ISS 125 OR ISS 135		Engr Elective (2XX or higher)	(3)		
Social Science Elective	(3)					Engr 431 ⚓	(3)		
Econ 310	(3)					Hum/FA Elective	(3)		
<b>Total Hours</b>	16					<b>Total Hours</b>	16		
<b>Senior:</b>									
Engr Elective (3XX or higher)	(3)					Engr Elective (3XX or higher)	(3)		
Engr 312	(3)			Engr 309		Engr Elective (3XX or higher)	(3)		
Engr 400 ⚓	(1)					Engr 452 ⚓	(1)		Engr 451
Engr 451 ⚓	(2)			Engr 321 (Min C-), Econ 310 (Min C-), Engr 431 (Min C-),		Elective	(3)		
Elective	(3)					Elective	(3)		
Manf 460 ⚓	(3)			Junior Standing		SS/H/FA/Gen. Ed.	(3)		
<b>Total Hours</b>	15					<b>Total Hours</b>	16		
<b>TOTAL = 127 HOURS</b>									
Must have at least 18 hours of fine arts, humanities, social sciences, and general education courses according to fill the unshaded cells below.									
Fine Arts	Humanities			FA/Hum		Social Science		Gen Ed or SS/Hum/FA	
						Econ 310			

An anchor means a course is only taught in a designated Fall/Spring semester. However, the class may be taught in Summer session(s).

- For an emphasis in GSS, students must complete the above 18 hours with a grade of "C" or better
- **Three electives chosen from:** ISS 125, 360, 420, 480, 490, POL 335
- **Pre-approved engineering electives:** Engr 340, BME 200, BME 222, BME 301, BME 311, BME 313, BME 314, BME 333, BME 350, BME 370, BME 510, BME 523, BME 524, Ch E 307, Ch E 308, Ch E 413, Ch E 520, Ch E 521, Ch E 522, Ch E 523, Ch E 524, C E 207, C E 208, C E 210, C E 325, C E 471, C E 472, Csci 111, Csci 112, Csci 343, El E 235, El E 331, G E 305, G E 405, M E 324, M E 325, M E 401, M E 406, and M E 421. Engineering courses not included in this list must be pre-approved by the Director of General Engineering.