

BS in Engineering Physics with concentration in Aerospace Systems

Freshman

Fall	Hours Spring	Hours
AE 245	3 AE 211 or EECS 138	3
MATH 125 (Core 34: Math & Statistics (SGE)) ^{030**}	4 EPHX 210 or PHSX 211 (Core 34: Natural & Physical Sciences (SGE)) ^{040***}	3
PHSX 150	0.5 MATH 126	4
CHEM 130 or 150	5 MATH 290	2
Core 34: English (SGE) ⁰¹⁰	3 PHSX 216 (Core 34: Natural & Physical Sciences (SGE)) ^{040***}	1
	Core 34: English (SGE) ⁰¹⁰	3
	15.5	16

Sophomore

Fall	Hours Spring	Hours
AE 345	3 AE 445	3
CE 260	5 CE 310	3
MATH 127	4 C&PE 221 or ME 212	3
MATH 220 or 320	3 PHSX 212	3
	PHSX 236	1
	Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3
	15	16

Junior

Fall	Hours Spring	Hours
AE 507	3 PHSX 313	3
AE 545	3 PHSX 316	1
AE 550	3 AE 421	3
EPHX 521	3 AE 551	3
Core 34: Communications (SGE) ⁰²⁰	3 AE 572	3
	Core 34: Arts & Humanities (SGE) ⁰⁶⁰	3
	15	16

Senior

Fall	Hours Spring	Hours
AE 520 or 521	4 AE 523 or 508	3
EPHX 531	3 EPHX 601 (Capstone)	4
EPHX 536 or 616	4 EPHX 611	3
Core 34: Social & Behavioral Science Elective (SGE) ⁰⁵⁰	3 Core 34: Social & Behavioral Science Elective (SGE) ⁰⁵⁰	3

Core 34: U.S. Culture (SGE) ⁰⁷⁰	3 Core 34: Global Culture Elective (SGE) ⁰⁷⁰	3
	17	16

Total Hours 126.5

Notes:

* - This course is a Required major course and is also part of Core 34: Systemwide General Education. If this course is not taken to fulfill the Core 34:SGE requirement, it must be taken in place of elective hours.

** - This course is a Recommended Core 34: Systemwide General Education course. This specific course is not required but is recommended by the program's faculty.

*** - This course is a Required Core 34: Systemwide General Education course. This program is approved by the Kansas Board of Regents to require this specific Core 34: Systemwide General Education course. If a student did not take this course it must be taken in addition to other degree requirements.