

BS in Applied Computing with concentration in Astronomy

Applied Computing with Astronomy 4-Year Graduation Plan

Students Entering in Fall of Odd Years

Freshman

Fall	Hours	Spring	Hours
EECS 101	1	EECS 140	4
EECS 168	4	MATH 126	4
MATH 125 (Core 34: Math and Statistics (SGE)) ^{030*}	4	EPHX 210 or PHSX 211 (Core 34: Natural and Physical Sciences (SGE)) ^{040***}	3
Core 34: English (SGE) ⁰¹⁰	3	PHSX 216 (Core 34: Natural and Physical Sciences (SGE)) ^{040***}	1
Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3	Core 34: English (SGE) ⁰¹⁰	3
	15		15

Sophomore

Fall	Hours	Spring	Hours
MATH 127	4	EECS 210	4
MATH 220	3	EECS 348	4
MATH 290	2	EECS 468	3
PHSX 212	3	ASTR 391	3
PHSX 236	1	PHIL 375 (Core 34: Arts and Humanities (SGE)) ^{060**}	3
EECS 268	4		
	17		17

Junior

Fall	Hours	Spring	Hours
EECS 461	3	EECS 330	4
EECS 388	4	EECS 678	4
ASTR 591	3	PHSX 313	3
ASTR 596	4	PHSX 316	1
Core 34: Communications (SGE) ⁰²⁰	3	ASTR 592	3
	17		15

Senior

Fall	Hours	Spring	Hours
EECS 581	3	EECS 582 (Capstone)	3
EECS 565	3	EECS CS elective 2	3
EECS CS elective 1	3	Core 34: Social and Behavior Science (SGE) ⁰⁵⁰	3
ASTR elective 1	3	Core 34: Social and Behavior Science (SGE) ⁰⁵⁰	3

ASTR 503	2	Core 34: Global Culture (SGE) ⁰⁷⁰	3
Core 34: US Culture (SGE) ⁰⁷⁰	3		
	17		15

Total Hours 128

Students Entering in Fall of Even Years

Freshman

Fall	Hours	Spring	Hours
EECS 101	1	EECS 140	4
EECS 168	4	MATH 126	4
MATH 125 (Core 34: Math and Statistics (SGE)) ⁰³⁰	4	EPHX 210 or PHSX 211 (Core 34: Natural and Physical Sciences (SGE)) ^{040***}	3
Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3	PHSX 216 (Core 34: Natural and Physical Sciences (SGE)) ^{040***}	1
Core 34: English (SGE) ⁰¹⁰	3	Core 34: English (SGE) ⁰¹⁰	3
	15		15

Sophomore

Fall	Hours	Spring	Hours
EECS 268	4	EECS 210	4
MATH 127	4	EECS 348	4
MATH 220	3	EECS 468	3
MATH 290	2	ASTR 391	3
PHSX 212	3	PHIL 375 (Core 34: Arts and Humanities (SGE)) ^{060**}	3
PHSX 236	1		
	17		17

Junior

Fall	Hours	Spring	Hours
EECS 388	4	EECS 330	4
EECS 461	3	EECS 565	3
PHSX 316	1	EECS 678	4
PHSX 313	3	Core 34: Global Culture (SGE) ⁰⁷⁰	3
Core 34: Communications (SGE) ⁰²⁰	3		
Core 34: US Culture (SGE) ⁰⁷⁰	3		
	17		14

Senior

Fall	Hours	Spring	Hours
EECS 581	3	EECS 582 (Capstone)	3
ASTR 503	2	ASTR 592	3
ASTR 591	3	EECS CS elective 2	3
ASTR 596	4	Core 34: Social and Behavior Science (SGE) ⁰⁵⁰	3
EECS CS elective 1	3	Core 34: Social and Behavior Science (SGE) ⁰⁵⁰	3

ASTR elective 1	3	
	18	15

Total Hours 128

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.