

# 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)) <sup>030*</sup>	4	EPHX 210 or PHSX 211 (Core 34: Natural and Physical Sciences (SGE)) <sup>040***</sup>	3
Core 34: English (SGE) <sup>010</sup>	3	PHSX 216 (Core 34: Natural and Physical Sciences (SGE)) <sup>040***</sup>	1
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3	Core 34: English (SGE) <sup>010</sup>	3
	<b>15</b>		<b>15</b>

#### 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)) <sup>060**</sup>	3
EECS 268	4		
	<b>17</b>		<b>17</b>

#### 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) <sup>020</sup>	3	ASTR 592	3
	<b>17</b>		<b>15</b>

#### 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) <sup>050</sup>	3
ASTR elective 1	3	Core 34: Social and Behavior Science (SGE) <sup>050</sup>	3

ASTR 503	2	Core 34: Global Culture (SGE) <sup>070</sup>	3
Core 34: US Culture (SGE) <sup>070</sup>	3		
	<b>17</b>		<b>15</b>

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)) <sup>030</sup>	4	EPHX 210 or PHSX 211 (Core 34: Natural and Physical Sciences (SGE)) <sup>040***</sup>	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3	PHSX 216 (Core 34: Natural and Physical Sciences (SGE)) <sup>040***</sup>	1
Core 34: English (SGE) <sup>010</sup>	3	Core 34: English (SGE) <sup>010</sup>	3
	<b>15</b>		<b>15</b>

#### 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)) <sup>060**</sup>	3
PHSX 236	1		
	<b>17</b>		<b>17</b>

#### 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) <sup>070</sup>	3
Core 34: Communications (SGE) <sup>020</sup>	3		
Core 34: US Culture (SGE) <sup>070</sup>	3		
	<b>17</b>		<b>14</b>

#### 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) <sup>050</sup>	3
EECS CS elective 1	3	Core 34: Social and Behavior Science (SGE) <sup>050</sup>	3

ASTR elective 1	3	
	<b>18</b>	<b>15</b>

**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.