



## PHYSICS

### ASSOCIATE OF SCIENCE

Program Requirements

SEMESTER & COURSES	CREDIT HOURS	SEMESTER & COURSES	CREDIT HOURS
<i>Semester 1 (Fall)</i>		<i>Semester 2 (Spring)</i>	
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II	3
Humanities/Fine Arts	3	COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3
MATH 1910: Calculus I	4	MATH 1920: Calculus II	4
Programming Language course	3	History <sup>2</sup>	3
History <sup>2</sup>	3		
<b>Subtotal Semester 1</b>	<b>16</b>	<b>Subtotal Semester 2</b>	<b>13</b>
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>	
Humanities/Literature	3	Humanities/Fine Arts	3
MATH 2110: Calculus III	4	MATH 2010: Introduction to Linear Algebra	3
PHYS 2110: Calculus-Based Physics I	4	PHYS 2120: Calculus-Based Physics II	4
Social/Behavioral Science <sup>1</sup>	3	Social/Behavioral Science <sup>1</sup>	3
Elective (unspecified)	1	MATH 2120: Differential Equations	3
<b>Subtotal Semester 3</b>	<b>15</b>	<b>Subtotal Semester 4</b>	<b>16</b>
		<b>Total Credit Hours</b>	<b>60</b>

#### NOTES:

<sup>1</sup> Students who transfer to ETSU will be required to complete PHIL 2640 (Science and the Modern World).

<sup>2</sup> Students transferring to the UTK will need to complete a two-course sequence in non-U.S. History.