

# PHYSICAL SCIENCE AA DEGREE, LIBERAL ARTS MAJOR

Completion of an Associate of Arts Liberal Arts Degree with an emphasis in Physical Science provides a solid foundation to pursue a Bachelor's Degree in Physical Science. Potential career paths for students include water resource specialists, chemical engineers, environmental engineers, and nuclear engineers.

- Degree Type: AA, Liberal Arts (Multidisciplinary) (<https://coursecatalog.tvcc.edu/degrees-certificates/academic-division/aa-multidisciplinary/>)
- Most required courses are available online
- TSI (<https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/>): required

Course	Title	Hours
<b>Term One</b>		
ENGL-1301	Composition I	3
EDUC/PSYC-1300	Learning Framework	3
HIST-1301	United States History I	3
PHYS-1415	Physical Science I	4
MATH-2413	Calculus I	4
<b>Hours</b>		<b>17</b>
<b>Term Two</b>		
ENGL-1302	Composition II	3
HIST-1302	United States History II	3
PHYS-1417	Physical Science II	4
Social & Behavioral Science		3
Suggested Pathway Elective		4
<b>Hours</b>		<b>17</b>
<b>Term Three</b>		
GOVT-2305	Federal Government (Fed Constitution) Constitution & Topics	3
Language, Philosophy, & Culture		3
Component Area Requirement (CAO)		3
Suggested Pathway Elective		4
<b>Hours</b>		<b>13</b>
<b>Term Four</b>		
GOVT-2306	Texas Government (Texas Constitution) Topics	3
Creative Arts		3
Suggested Pathway Elective		4
Suggested Pathway Elective		3
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>60</b>

## Physical Science Pathway Electives

Code	Title	Hours
BIOL-1406	Biology for Science Majors I	4
BIOL-1407	Biology for Science Majors II	4
BIOL-1411	General Botany	4
BIOL-1413	General Zoology	4
CHEM-1405	Introductory Chemistry I	4
CHEM-1407	Introductory Chemistry II	4
CHEM-1411	General Chemistry I	4
CHEM-1412	General Chemistry II	4
CHEM-2423	Organic Chemistry I	4
CHEM-2425	Organic Chemistry II	4
MATH-2413	Calculus I	4
MATH-2414	Calculus II	4
MATH-2415	Calculus III	4
MATH-2318	Linear Algebra	3
MATH-2320	Differential Equations	3
PHYS-1401	College Physics I	4
PHYS-1402	College Physics II	4
PHYS-2425	University Physics I	4
PHYS-2426	University Physics II	4

**Contact TVCC Advisement Center and your transfer college or university to determine the transferability of courses and college or university requirements.**