

PHYSICS

Associate of Arts

This is a recommended course of study for students who seek an Associate of Arts degree with a major in Physics or plan to pursue a baccalaureate degree in Physics at a four-year institution of higher education in Texas. Students planning to transfer to a four-year institution should confirm transferability of courses to meet degree requirements.

Communication Core 010 (6 hrs)

ENGL 1301	Composition I
ENGL 1302	Composition II

Mathematics Core 020 (3 hrs)

MATH 2413	Calculus I
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Life and Physical Sciences Core 030 (6 hrs) plus labs

PHYS 2425	University Physics I
PHYS 2426	University Physics II

Language, Philosophy and Culture Core 040 (3 hrs)

Choose one of the following

ENGL 2322	British Literature I
ENGL 2323	British Literature II
ENGL 2327	American Literature I
ENGL 2328	American Literature II
ENGL 2332	World Literature I
ENGL 2333	World Literature II
PHIL 1301	Introduction to Philosophy I
HUMA 1301	Introduction to Humanities
SPAN 1411	Beginning Spanish I
SPAN 1412	Beginning Spanish II

Creative Arts Core 050 (3 hrs)

Choose one of the following

ARTS 1303	Art History I
ARTS 1304	Art History II
ARTS 1313	Foundations of Art
DRAM 1310	Introduction to Theater
DRAM 2366	Development of the Motion Picture
MUSI 1306	Music Appreciation
MUSI 1307	Music Literature
MUSI 1310	American Music

American History Core 060 (6 hrs)

HIST 1301	U.S. History I
HIST 1302	U.S. History II

Government /Political Science Core 070 (6 hrs)

GOVT 2305	Federal Government
GOVT 2306	Texas Government

Social and Behavioral Science Core 080 (3 hrs)

Choose one of the following

ANTH 2351	Cultural Anthropology
CRIJ 1307	Crime in America
ECON 2301	Principles of Macroeconomics

ECON 2302	Principles of Microeconomics
GEOG 1303	World Regional Geography
HIST 2301	Texas History
HIST 2311	Western Civilization I
HIST 2312	Western Civilization II
PHED1346	Drug Use & Abuse
PSYC 2301	General Psychology
PSYC 2306	Human Sexuality
PSYC 2314	Life Span Growth and Development
SOCI 1301	Introduction to Sociology
SOCI 1306	Social Problems
SOCI 2306	Human Sexuality
SOCI 2319	Minority Studies

Component Area Option 090 (6 hrs)

Choose 4 SCH from the following:

SPCH 1315 or SPCH 1318
PSYC 1300/EDUC 1300
PHED 1164

Major in Physics Electives*

Students who plan to pursue a baccalaureate degree should seek advising from the institution to which they intend to transfer.

CHEM 1411	General Chemistry I
CHEM 1412	General Chemistry II
CHEM2423	Organic Chemistry I
CHEM2425	Organic Chemistry II
COSC1301	Introduction to Computing
MATH2414	Calculus II
MATH2415	Calculus III

Select up to 18 SCH of electives to bring the total semester hours to 60.

Total Semester Hours – 60

**Courses are suggested electives that will contribute to AA degree requirements. Different electives may be chosen, but must be selected from the academic rather than the technical courses, as indicated in the course descriptions.*

[Fall 2014 Program Curriculum](#)