

PHYSICAL SCIENCES ASSOCIATE OF SCIENCE (ASLT)

Locations: Gonzales, St. Charles, Online

The Associate of Science/Louisiana Transfer degree, Physical Sciences concentration, is a 60-credit hour program designed for students who are planning to transfer to a four-year college/university and major in a physical science degree program. It is also for students who may not be planning to transfer to a four-year institution but wish to find employment in one of the various fields related to physical sciences. All courses applied to the degree must be passed with a 'C' or better. Developmental courses will not be applied to the degree. Students who plan to transfer should consult with an RPCC Advisor, as well as an advisor at the university they plan to transfer to, to assure transferability of credit. Completion of the ASLT degree guarantees that the student has met, in full, all lower division general education requirements at the receiving Louisiana public university. Graduates transferring with the transfer degree will have junior status. Courses or GPA requirements for specific majors, departments, or schools are not automatically satisfied by an ASLT degree.

Curriculum

Program of Study – Suggested Sequence of Courses

Course	Title	Hours
First Semester		
ENGL 1013	English Composition I (General Education, English Composition)	3
General Education, Mathematics/Analytics Reasoning - MATH 2115		3
General Education, Humanities – choose any HIST, PHIL 1013, PHIL 2013, or RELS 2213		3
General Education, Natural Science - CHEM 1123 (first of a two-course sequence)		3
CHEM 1121	Chemistry Laboratory I	1
General Education, Social Science – choose from the following: any ANTH, ECON, GEOG, POLI, PSYC, SOCL; WGNS 2503; or CRJU 1013		3
Hours		16
Second Semester		
ENGL 1023	English Composition II (General Education, English Composition)	3
General Education, Mathematics/Analytics Reasoning - MATH 2125		3
General Education, Natural Science - CHEM 1133 (second of a two-course sequence)		3
CHEM 1131	Chemistry Laboratory II	1
General Education, Social Science – choose from the following: any ANTH, ECON, GEOG, POLI, PSYC, SOCL; WGNS 2503; or CRJU 1013		3
General Education, Fine Arts - Select any ARTS, MUSC, or THTR		3
Hours		16
Third Semester		
General Education, Humanities - Select any 2000-level ENGL ¹		3
General Education, Natural Science - BIOL 1033		
BIOL 1031	Principles of Biology Lab I	1
General Education, Humanities – choose any HIST, PHIL 1013, PHIL 2013, or RELS 2213, or 2000-level ENGL ¹		3
Natural Science or Humanities Elective ¹		3
Hours		10
Fourth Semester		
Natural Science Elective ¹		3
Natural Science, Mathematics, Computer Science, or Humanities Elective		3

Natural Science, Mathematics, Computer Science, or Humanities Elective	3
Natural Science or Humanities Elective ¹	3
Natural Science or Humanities Elective ¹	3
Hours	15
Total Hours	57

¹ Electives Options: Students should consult with their RPCC Advisor and with an advisor at the desired transfer institution to make these selections.

6-16 credit hours in (lectures/labs) in BIOL, CHEM, PHSC, PHYS, ENVS, MATH, CSCI

0-12 credit hours in Humanities

Upon successful completion of the program, the graduate will be able to:

1. Apply the scientific method in laboratory activities.
2. Correlate concepts of physical sciences to current societal and global events and/or issues.
3. Demonstrate competencies in physical sciences required for various transfer pathways in physical sciences.