



Science

Transfer Programs

Degree:

Associate of Arts and Sciences with a major in Science

Length:

Four-semester (two-year) program

Purpose:

With the emphasis on scientific discoveries and technological developments in today's society, there is a demand for scientists and scientifically-oriented persons in business, government, industry and the professions. The Associate of Arts and Sciences Degree Program in Science is designed for persons who are interested in the pre-professional or scientific program and who plan to transfer to a four-year college or university to complete a baccalaureate degree program with a major in one of the following fields:

- Agriculture
- Biology
- Chemistry
- Pre-Dentistry
- Education
- Forestry
- Geology
- Mathematics
- Pre-Medical
- Nursing
- Pharmacy
- Physical Therapy
- Physics

In addition to the admission requirements established for the college, entry into the Science program requires competency in English and Math Essentials MTE 1-9 as demonstrated through the placement and diagnostic tests, or by satisfactorily completing the required MTE units or equivalent.

Other Information:

Students are urged to become acquainted with the requirements of the major department in the college or university to which transfer is contemplated and also to consult with the Student Services Office of the community college in planning their program and selecting electives. Note the guaranteed admission and articulation agreements referenced in the [WCC Catalog](#) apply only to students who complete the Associate Degree.

The following list is a suggested sequence in which students may plan their class schedules to ensure graduation in two years.

Course Sequence:

Course Number	Course Title	Lect. Hrs.	Lab Hrs.	Course Cr.
First Semester				
ENG 111	College Composition	3	0	3
MTH 163 ¹	Pre-Calculus I	3	0	3
SDV 100	College Success Skills	1	0	1
Elective ²	Lab Science	3	3	4
Elective ³	Social Science	3	0	3
Suggested Credits & Hours for Semester		13	3	14
Second Semester				
ENG 112	College Composition II	3	0	3
ITE 115	Introduction to Computer Applications & Concepts	3	0	3
MTH 271 ¹	Applied Calculus I	3	0	3
Elective ²	Lab Science	3	3	4
Elective ³	Social Science	3	0	3
Suggested Credits & Hours for Semester		15	3	16
Third Semester				
CST 110	Intro. to Communication	3	0	3
Elective ⁴	Literature	3	0	3
Elective ²	Lab Science	3	3	4
Elective ⁵	History	3	0	3
Elective	Transferable Elective	3	0	3
Suggested Credits & Hours for Semester		15	3	16
Fourth Semester				
Elective ⁴	Literature	3	0	3
HLT/PED ⁶	Health or Physical Education	2	0	2
Elective ²	Lab Science	3	3	4
Elective ⁵	History	3	0	3
Elective ⁷	Humanities	3	0	3

Suggested Credits & Hours for Semester	14	3	15
Total Minimum Credits Required for this Curriculum			61

¹ Students may substitute a higher level math. Courses may be chosen from the [Math General Electives](#).

² Courses may be chosen from the [Science General Electives](#).

³ Courses may be chosen from the [Social Science General Electives](#).

⁴ Courses may be chosen from the [Literature General Electives](#).

⁵ Six credits of transfer History electives are required and can be chosen from [HIS 101](#), [102](#), [121](#), [122](#).

⁶ Students may choose a health, physical education, or recreation course that promotes physical & emotional well-being.

⁷ Courses may be chosen from the [Transfer Humanities Electives](#).

Notes:

Requirements of four-year institutions may vary. Students should consult a counselor or their academic advisor to select electives that will satisfy baccalaureate major requirements. In addition, they should confirm with the college or university to which they plan to transfer that they will receive credit at the four-year institution.

