

Associate of Science Degree: Agriculture Science Specialization 880-01

AREA: Science
Agriculture Science Specialization

DEGREE: Associate of Science Degree

LENGTH: Four semesters (two-year) program

PURPOSE: With the tremendous emphasis on human and animal health and the cultivation of environmental quality whether that be through the study of living organisms, soil, water, genomics, nutrition, disease control in all aspects of life, a greater demand exists for specialists in dairy science, animal and poultry sciences, biochemistry, entomology, food science and technology, human nutrition, plant pathology, and agricultural technology. The associate of science degree program in science: agriculture science specialization is designed for persons interested in agriculture programs who plan to transfer to an agriculture program such as : nutritionist, pre-veterinary, agricultural scientist, agro ecologist, biotechnologist, or other agriculture and life science programs.

TRANSFER GUIDELINES: The associate of arts and sciences (AA&S) and associate of science (AS) degrees offered by LFCC are designed to provide freshman and sophomore level course work toward the completion of a bachelor's degree. The AA&S and AS degree programs require students to take essentially the same courses as required by their university/four-year college counterparts in the areas of English, health/physical education, humanities, mathematics, science and social science.

To help facilitate the transfer process, LFCC has created an online 'Transfer Guide' that provides detailed information such as tuition, GPA, application requirements, course equivalents, and other information that may be useful in the transfer process. The transfer guide can found at www.lfcc.edu/transfer. The Virginia Community College System also offers a Transfer Planning Tool on the Virginia Educational Wizard, which can be found at www.vawizard.org.

Students should begin preparing for transfer as early as possible. Steps in this process include: making a career decision, identifying colleges which offer the intended program of study, examining available transfer information and college catalogs, exploring Guaranteed Admissions and Transfer agreements, talking with transfer representatives, identifying program prerequisites, researching the academic competitiveness of the institutions and program under consideration, attending open house events offered by the colleges and exploring financial aid and housing opportunities.

LFCC offers many services and programs to assist the transfer student. Students are encouraged to seek the assistance of an advisor or counselor to gain additional information to plan a successful transfer experience.

Course #	Title	Credits
First Semester		
ENG 111	College Composition I	3
IT/CS	Computer Elective ¹	3
MTH	Mathematics Elective ^{2,4}	3
SDV 100/101	College Success Skills	1
	Science with Laboratory ³	4
	Total	14
Second Semester		
ENG 112	College Composition II	3
	History Elective ⁴	3
MTH	Mathematics Elective ^{2,4}	3
	Science with Laboratory ³	4
AGR 141	Intro to Animal Science & Tech.	4
	Total	17
Third Semester		
ENG	Literature Elective ⁴	3
	Social Science Elective ^{4,5}	3
PED/HLT	Physical Education <u>or</u> Health ⁴	1
AGR 142	Intro to Plant Science & Tech.	3
	Science with Laboratory ³	4
	Total	14
Fourth Semester		
CST	Communication Elective ⁴	3
	Social Science Elective ^{4,5}	3
	Science with Laboratory ³	4
	Humanities/Fine Arts Elective ⁴	3
AGR 143	Intro to Agribusiness & Fin Mgt	3
	Total	16
	Program Total	61

¹ Students may select from the following courses to fulfill the computer / information literacy requirement: CSC 110, 200, ITE 115, ITE 119

² Must be MTH 163 or higher. Students should check with the institution to which they will be transferring to determine the most appropriate math courses to take at LFCC.

³ A full-year of science with lab is required each year. See the list of electives on page 42.

⁴ See the list of electives on page 42.

⁵ Students should check with their transfer institution-Economics may be required.