

HEALTH SCIENCES: AS

Associate in Science | 60 credit hours minimum

Area of Interest: Health Professions

Academic Advising

Program Description:

St. Louis Community College's Health Sciences, Associate in Science degree is designed for students who intend to pursue a baccalaureate degree in nursing or health sciences at STLCC or a four-year institution. Additionally, upon completion of this degree, students will have completed the prerequisites and general education requirements for Associate in Applied Science (AAS) nursing and health science programs at STLCC.

Location. This program is offered in its entirety at Florissant Valley, Forest Park, Meramec, and Wildwood.

Cost of Attendance. For more information on cost of attendance visit MoSCORES (<https://scorecard.mo.gov/Search/>).

Program Career and Salary Information. Pursuant to Missouri HB 1606 (2018), information regarding the number of credit hours, program length, employment rate, wage data, and graduates employed in careers related to their program of study at St. Louis Community College can be found at the following URL: <https://scorecard.mo.gov/scorecard/> (https://www.google.com/url?q=https://scorecard.mo.gov/scorecard/&sa=D&ust=1555536894857000&usg=AFQjCNG1xf3E_i2lO96zEytILO-s5xaJCQ). Search using School / Program "St. Louis Community College" and choose the degree or credential type of interest.

The following limitations to the data apply: Information provided is based on the most recent cohorts available. Typically, most recent cohorts for wage and completion data are six years prior to the current academic year. Time to complete a program of study varies depending on the number of credit hours students earn per semester.

Interested in this program? Start the enrollment process by visiting the **Apply to STLCC** (<https://www.stlcc.edu/admissions/apply-to-stlcc/>) page.

At the completion of the program, students are expected to:

1. demonstrate critical and analytical thinking about the content in written communication.
2. develop hypothetical explanations for individual human behavior within the large-scale historical and social context.
3. integrate research outside of required texts and/or collected data to support one's purpose, using discipline-appropriate documentation.
4. evaluate the roles of clinical health professionals.
5. communicate using medical terminology and language.

Code	Title	Credit Hours
General Education		
Written Communications Requirement		6
ENG 101	College Composition I (MOTR ENGL 100)	
ENG 102	College Composition II (MOTR ENGL 200)	
ENG 103	Report Writing (MOTR ENGL 110)	
Oral Communications with MOTR Designation Requirement		3
Mathematics Requirement		6
MTH 160	Precalculus Algebra (MOTR MATH 130)	
	or MTH 160S Precalculus Algebra with Support (MOTR MATH 130)	
MTH 180	Introductory Statistics (MOTR MATH 110)	
	or MTH 180S Introductory Statistics with Support (MOTR MATH 110)	
Social and Behavioral Sciences Requirement		9
PSY 200	General Psychology (MOTR PSYC 100)	
	or PSY 205 Human Growth and Development (MOTR PSYC 200)	
SOC 101	Introduction to Sociology (MOTR SOCI 101)	
	or COM 200 Communication Between Cultures (MOTR SBSC 101)	
XXX xxx	Social & Behavioral Sciences: Civics Requirement	
Natural Sciences Requirement		12-13
BIO 111	Introductory Biology I (MOTR BIOL 100L)	
	or BIO 140 Principles of Biology I (MOTR BIOL 150L)	
	or CHM 101 Fundamentals of Chemistry I (MOTR CHEM 100L)	
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	
BIO 208	Anatomy and Physiology II	
Health Science Program Requirements		10
HIM 101	Medical Terminology and Language	
HS 101	Introduction to Health Professions	
HS 200	Health Literacy	
HS 210	Introduction to Evidence-Based Medicine and Research	
Electives		14
	May include but not limited to PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.	
Total Credit Hours		60-61

PLEASE NOTE: If you originally enrolled at STLCC prior to Spring 2025, you may need to view an **archived catalog** (<http://catalog.stlcc.edu/archived-catalogs/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully complete a civics examination. **Information on who is eligible for a waiver can be found on the STLCC website** (<https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>).

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	Gateway Course
XXX xxx	Oral Communications with MOTR Designation (http://catalog.stlcc.edu/general-education/)	3		
SOC 101 or COM 200	Introduction to Sociology (MOTR SOCI 101) or Communication Between Cultures (MOTR SBSC 101)	3	Reading Proficiency or concurrent enrollment in RDG 079	
PSY 200 or 205	General Psychology (MOTR PSYC 100) or Human Growth and Development (MOTR PSYC 200)	3	Reading Proficiency or concurrent enrollment in RDG 079	
HS 101		1		Exploratory Course
	Credit Hours	13		
Spring				
MTH 160 or 160S	Precalculus Algebra (MOTR MATH 130) or Precalculus Algebra with Support (MOTR MATH 130)	3	MTH 140 (or MTH 140S) with a minimum grade of "C" or satisfactory score on placement test, and Reading Proficiency	
BIO 111 or 140 or CHM 101	Introductory Biology I (MOTR BIOL 100L) or Principles of Biology I (MOTR BIOL 150L) or Fundamentals of Chemistry I (MOTR CHEM 100L)	4-5	Reading Proficiency or concurrent enrollment in RDG 079	Gateway Course
ENG 101 or 102 or 103	College Composition I (MOTR ENGL 100) or College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	
XXX xxx	Social & Behavioral Sciences: Civics Requirement (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	13-14		
Summer				
XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	6		

Second Year				
Fall				
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4	BIO 111 or BIO 140 or CHM 101 with a minimum grade of "C", or college-level course equivalent, and Reading Proficiency	Gateway Course
MTH 180 or 180S	Introductory Statistics (MOTR MATH 110) or Introductory Statistics with Support (MOTR MATH 110)	3	Satisfactory scores on placement test, and Reading Proficiency	
HIM 101	Medical Terminology and Language	3	Reading Proficiency	Gateway Course
XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	13		
Spring				
HS 210		3		Critical Course
HS 200		3		Critical Course
BIO 208	Anatomy and Physiology II	4	BIO 207 with a minimum grade of "C" and Reading Proficiency	
XXX xxx	Elective	5		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	15		
	Total Credit Hours	60-61		

Critical Courses: Critical courses are most important to a student's declared major and most strongly predict later success in the major. A critical course requires a minimal grade to progress to higher-level courses.

Gateway Courses: Gateway courses are courses in many career pathways that must be completed before progression in higher-level courses. These may be the same as critical and/or exploratory courses.

Exploratory Courses: Exploratory courses are first-semester courses that introduce the program and career field.

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.

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Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
ENG 101 or 102 or 103	College Composition I (MOTR ENGL 100) or College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	Gateway Course

XXX xxx	Oral Communications with MOTR Designation (http://catalog.stlcc.edu/general-education/)	3		
HS 101		1		Exploratory Course
	Credit Hours	7		
Spring				
MTH 160 or 160S	Precalculus Algebra (MOTR MATH 130) or Precalculus Algebra with Support (MOTR MATH 130)	3	MTH 140 (or MTH 140S) with a minimum grade of "C" or satisfactory score on placement test, and Reading Proficiency	
PSY 200 or 205	General Psychology (MOTR PSYC 100) or Human Growth and Development (MOTR PSYC 200)	3	Reading Proficiency or concurrent enrollment in RDG 079	
	Credit Hours	6		
Summer				
XXX xxx	Social & Behavioral Sciences: Civics Requirement (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	3		
Second Year				
Fall				
HIM 101	Medical Terminology and Language	3	Reading Proficiency	Gateway Course
ENG 101 or 102 or 103	College Composition I (MOTR ENGL 100) or College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	
	Credit Hours	6		
Spring				
SOC 101 or COM 200	Introduction to Sociology (MOTR SOCI 101) or Communication Between Cultures (MOTR SBSC 101)	3	Reading Proficiency or concurrent enrollment in RDG 079	
BIO 111 or 140 or CHM 101	Introductory Biology I (MOTR BIOL 100L) or Principles of Biology I (MOTR BIOL 150L) or Fundamentals of Chemistry I (MOTR CHEM 100L)	4-5	Reading Proficiency or concurrent enrollment in RDG 079	Gateway Course
	Credit Hours	7-8		
Summer				
XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	3		
Third Year				
Fall				
MTH 180 or 180S	Introductory Statistics (MOTR MATH 110) or Introductory Statistics with Support (MOTR MATH 110)	3	Satisfactory scores on placement test, and Reading Proficiency	

XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	6		
Spring				
XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4	BIO 111 or BIO 140 or CHM 101 with a minimum grade of "C", or college-level course equivalent, and Reading Proficiency	Gateway Course
	Credit Hours	7		
Summer				
XXX xxx	Elective	3		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	3		
Fourth Year				
Fall				
HS 200		3		Critical Course
BIO 208	Anatomy and Physiology II	4	BIO 207 with a minimum grade of "C" and Reading Proficiency	
	Credit Hours	7		
Spring				
HS 210		3		Critical Course
XXX xxx	Elective	2		Consider PHY 111, PSI 101, BIO 203, COM 117, PHL 109, or DIT 115.
	Credit Hours	5		
	Total Credit Hours	60-61		

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