Program Transfer Pathway

FROM Degree: Associate of Science (A.S.)
Major: Academic Transfer

TO Degree: Bachelor of Science in Computer Science
Major: Computer Science

Last Updated: October 13, 2026 **Catalog Year(s):** 2026-2027

This program transfer pathway outlines a 8-semester plan that fulfills all requirements for the program listed above at Southeast Community College alongside the program(s) listed above at the University of Nebraska-Lincoln. While this pathway assumes full-time enrollment (14-16 credits/ semester), we recognize that each student has a unique path and is expected to consult with their academic advisor in determining the best path toward degree completion at both institutions. As a full-time student, this pathway allows students to complete both degrees at their respective institutions within a 4-year timeline.

Math and English Sequencing: Math and English readiness might impact the full semester-by-semester program transfer pathway. See your academic advisor for more information.

Course Selection and Pathway Considerations

- Courses that are marked with a * are part of a particular sequence of courses that must be taken in a particular order.
- Course(s) marked with *Italics* have multiple course options for that particular requirement. A list of courses may be selected from the Course Options list. While this list is not an exhaustive list of courses that fulfill each outcome at SCC, it provides a consolidated list of the most applicable courses that will benefit a student in transferring to UNL for this particular program of study. Selecting alternative courses other than what is recommended may impact remaining requirements at UNL. When a course is listed in multiple outcomes, it may be used to fill only one Core requirement.

World Language: *Computer Science requires students to have completion of the 2nd level of a single language. 2nd level means either 2 years in high school or two semesters of the same world language in college.* See your academic advisor for more information.

Courses taken at Southeast Community College			How Courses Transfer to University of Nebraska-Lincoln		
Semester 1			**Semester 1**		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
ACFS 1015	Success@SCC	1	GNCR***	General Elective	1
WC 1	*Any WC Course*	*3*	ENGL 150	Writing and Inquiry (ACE 1)	3
*MATH 1600**	*Calculus & Applied Geometry I (M/CS #1)*	5	MATH 106	Calculus I (ACE 3)	5
NS 1	Any NS ACE 4 Approved Course with lab	4	ACE 4	ACE 4 Approved Course and Major	3+1
CSCI 1010*	Introduction to Computer Science (Elective)	3	CSCE 101	Fundamentals Of Computer Science	3
Semester 2			**Semester 2**		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
WC 2	*Any WC 2 Approved Course*	*3*	Elective	Elective	3
MATH 1700*	Calculus & Applied Geometry II *(M/CS #2)*	5	MATH 107 MATH 1T*@	Calculus II (Major) Math Elective	4+1
*CSCI 1550**	Computer Science I (Elective)	4	CSCE 155E + CSCE 1T*@	Computer Science I: Systems Engineering Focus & Computer Science Elective (Major)	3+1
H G3	Any H G3 ACE 7 Approved Course	3	ACE 7	ACE 7 Approved Course	3
Semester 3			**Semester 3**		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
CS	*Any CS ACE 2 Approved Course*	*3*	ACE 2	ACE 2 Approved Course	3
NS 2	Any NS Approved Course	4	Major	Major Science Requirement	3+1
*MATH 2314**	*Linear Algebra (M/CS #3)*	3	MATH 314	Linear Algebra (Major)	3
INFO 1414	*Java (Elective)*	4	CSCE 156	Computer Science II	4
Semester 4			**Semester 4**		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
CSCI 2790*	Special Topics in Computing: Paradigms & Languages (Elective)	3	CSCE 322	Programming Language Concepts (Major)	3
NS 3	Any NS Approved Course	4	Major	Major Science Requirement	3+1
S/BS	*Any S/BS ACE 6 Approved Course*	3	ACE 6	ACE 6 Approved Course	3
Elective [A]	*Any ACE 5 Approved elective list*	3	ACE 5	ACE 5 Approved Course	3
C&GS	Any C&GS Approved ACE 9 Course	3	ACE 9	ACE 9 Approved Course	3
Total Credits Required for A.S.:		**61**	Total Transfer credits toward BS		60
			Total remaining credits required		60

[A] *Computer Science majors are required to complete at least one minor or a second major. Consult with an advisor on which elective courses make the most sense.*

SCC Reviewers: T. Lazarowicz 10/13/2026

UNL University Reviewers: N. Franta 9/14/2026

Note- To Complete this pathway in a 8-semester window, 2 summer classes must be completed, which are built into the plan on the following page.

Remaining University of Nebraska-Lincoln Coursework

University of Nebraska-Lincoln – Summer 1			University of Nebraska-Lincoln – Semester 1		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
CSCE 235	Introduction to Discrete Structures	3	ENGR 30	Transfer Student Engineering Seminar	0
			CSCE 231	Computer Systems Engineering	4
			CSCE 251	Unix Programming Environment	1
			CSCE 310	Data Structures and Algorithms	3
				Minor Course	6
University of Nebraska-Lincoln – Semester 2			**University of Nebraska-Lincoln – Summer 2**		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
CSCE 361	Software Engineering	3	CSCE 495 or CSCE 498	Internship in Computing Practice Computer Problems	3
CSCE 320	Data Analysis	3			
STAT 380	Statistics and Applications	3			
CSCE 3/4xx	Core AI, Networking, Cybersecurity, & Robotics Course	3			
	Minor Course	3			
University of Nebraska-Lincoln – Semester 3			**University of Nebraska-Lincoln – Semester 4**		
Course	**Title/ Program Requirement**	**Cr Hrs**	**Course**	**Title/ Program Requirement**	**Cr Hrs**
CSCE 486	Computer Science Professional Development	3	CSCE 487	Computer Science Senior Design Project	3
CSCE 351 or CSCE 451	System Resource Management or Operating Systems Principles	3	CSCE 423 or CSCE 428	Design and Analysis of Algorithms or Automata, Computation, and Formal Languages	3
CSCE 3/4xx	Technical Elective	3	CSCE3/4xx	Technical Elective	3
	Minor Course	3	CSCE 3/4xx	Technical Elective	3
				Minor Course	3
			Total credits required to earn both Associate's and Bachelor's degrees		121

Notes:

* All equivalent courses must be completed with a grade of "C" or better to transfer for major requirements
* Developmental coursework will not be included in transfer.
* Computer Science majors are required to demonstrate proficiency in a world language. This can be fulfilled by the completion of the 2nd level of a single language (either in H.S. or in college). Language study at UNL is available in: ARAB, CHIN, CZEC, FREN, GERM, GREK, JAPN, LATN, SPAN, or SLPA. A student who has completed the 2nd level of one world language in high school is exempt from the language requirement, but encouraged to continue on in their language studies. Languages regularly available at SCC include Spanish and American Sign Language.

Questions about UNL requirements?

Contact Jarrett Ramsey, Assistant Director of Academic Advising for the School of Computer at jarrett.ramsey@unl.edu, 402-472-5015.

Southeast COMMUNITY COLLEGE

Associate of Science - Course Options (ACE in Parentheses)
Catalog year(s): 2026-2027
Bolded course is built into the program transfer pathway

Course	Title	Cr	Course	Title	Cr
Written Communication (WC) (1st Class) – All classes ACE 1 Approved					
ENGL 1010	English Composition I	3	ENGL 1054	Writing and Communities	3
ENGL 1010H	Composition I Honors	3			
Written Communication (WC) (2nd Class) – All classes ACE 1 Approved					
ENGL 1020	English Composition II	3	ENGL 2560	Technical Writing	3
ENGL 1020H	Composition II Honors	3	OFFT 2120	Business Communication Strategies	3
Communication Studies (CS) – All classes ACE 2 Approved					
COMM 1090	Fundamentals of Human Communication	3	COMM 2100	Communicating in Groups and Teams	3
COMM 1110	Public Speaking	3	COMM 2810	Business and Professional Communication	3
Mathematics/ Computer Science (M/CS)					
CSCI 1010	Introduction to Computer Science (3)	3	MATH 1600	Calculus I and Analytic Geometry (3)	5
CSCE 1550	Computer Science I	4	MATH 1700	Calculus & Analytic Geometry II (3)	5
MATH 1150	College Algebra	3	MATH 2080	Calculus & Analytic Geometry III (3)	4
MATH 1200	Trigonometry	3	MATH 2170/ BSAD 2170	Applied Statistics (3)	3
MATH 1300	Pre-calculus	5	MATH 2314	Linear Algebra	3
Natural Science with Lab (NS)					
BIOS 1400	Biology I (4)	4	GEOG 1500	Physical Geography (4)	4
BIOS 1410	Biology II (4)	4	GEOL 1010	Physical Geology (4)	4
BIOS 2410	General Genetics	4	PHYS 1410	Elementary General Physics I (4)	5
BIOS 2460	Microbiology	4	PHYS 1420	Elementary General Physics II (4)	5
CHEM 1090	General Chemistry I (4)	4	PHYS 2110	General Physics I (4)	5
CHEM 1100	General Chemistry II (4)	4	PHYS 2120	General Physics II (4)	5
Humanities (H) (require 1 or 2 of the following)					
Group 1- Literature/Journalism/Communication					
COMM 2100	Communicating in Groups and Teams (2)	3	ENGL 2200	Science Fiction Literature (5)	3
COMM 2750/ POLS 2750	Political Communication	3	ENGL 2220	British Literature Post-1800 (5)	3
ENGL 2050	Modern Fiction (5)	3	ENGL 2440	African American Literature (5,9)	3
ENGL 2100	Introduction to Literature (5)	3	ENGL 2450	Native American Literature (5,9)	3
ENGL 2140	Introduction to Shakespeare (5)	3	ENGL 2460	Latinx Literature (5,9)	3
ENGL 2150	Introduction to Women's Literature (5,9)	3	ENGL 2470	Asian American Literature (5,9)	3
ENGL 2160	Children's Literature (5)	3	JOUR 1810	Introduction to Mass Media	3
ENGL 2170	American Literature from 1865 (5)	3	JOUR 1820	Media Writing	3
Group 2- History/Philosophy					
HIST 1000	Western Tradition to 1500 (5)	3	PHIL 1010	Introduction to Philosophy (5,8)	3
HIST 1010	Western Tradition since 1500 (5)	3	PHIL 1060	Applied Ethics (8,9)	3
HIST 2010	American History I (5)	3	PHIL 1100	Introduction to Logic and Critical Thinking (3)	3
HIST 2020	American History II (5)	3	PHIL 2110	Introduction to Modern Logic (3)	3
HIST 2100	World History to 1500 CE (9)	3	PHIL 2130	Bioethics (5,8)	3
HIST 2110	World History since 1500 CE (9)	3	PHIL 2250	Environmental Ethics (8,9)	3
HIST 2604	World War II	3	PHIL 2610/ RELS 2610	Comparative Religions (9)	3
HIST 2960	Survey of African American History	3	PHIL 2650	Philosophy of Religion (5,9)	3
Group 3- Creative/Fine/Performing Arts					
ARTS 1010	Introduction to the Visual Arts	3	ENGL 2530	Poetry Writing (7)	3
ARTS 1050	Introduction to Art History & Criticism I (7)	3	HUMS 1100	Introduction to Humanities	3
ARTS 1060	Introduction to Art History & Criticism II (7)	3	HUMS 1200	Contemporary Arts & Ideas (7)	3
ARTS 1110	Beginning Drawing I	3	MUSC 1010	Introduction to Music (Music Appreciation) (7)	3
ARTS 1330	Beginning Ceramics I	3	MUSC 1610	Music Theory I	4
ARTS 2650	Introduction to Native American Art	3	MUSC 2750	Introduction to American Music	3
ARTS 2750	Women in Art	3	MUSC 2800	Introduction to World Music (7,9)	3
ARTS 2850	History of Photography	3	MUSC 2870	History of Rock Music (7)	3
COMM 2050	Oral Performance of Literature	3	PHOT 1750	Beginning Photography	3
ENGL 1510	Introduction to Creative Writing (7)	3	THEA 1010	Introduction to Theatre	3
ENGL 2520	Fiction Writing (7)	3	THEA 1140	Basic Acting	3
			THEA 2130	Film Appreciation (7)	3
Group 4- May select 1 additional class from Group 1, 2, or 3 on the previous page of from the list of language below					
GERM 1010	Beginning German I	5	SIGN 1020	Beginning American Sign Language II	4
GERM 1020	Beginning German II	5	SPAN 1010	Elementary Spanish I	5
SIGN 1010	Beginning American Sign Language I	4	SPAN 1020	Elementary Spanish II	5
Social/Behavioral Sciences (S/BS) (Require 1 or 2 of the following)					
Group 1- Anthropology/Psychology/Sociology					
ANTH 1020	Introduction to Cultural Anthropology (6)	3	PSYC 2880	Social Psychology (6)	3
ANTH 1120	General Anthropology (6,9)	3	SOCI 1010	Introduction to Sociology (6)	3
BIOS 2210	Animal Behavior	3	SOCI 1020	Diversity in Society	3
PSYC 1250	Interpersonal Relations (2)	3	SOCI 2000	Gender in Contemporary Society (6,9)	3
PSYC 1810	Introduction to Psychology (6)	3	SOCI 2010	Social Problems (6,9)	3
PSYC 2200	Human Development	3	SOCI 2150	Issues of Unity and Diversity (6,9)	3
PSYC 2210	Animal Behavior	3	SOCI 2250	Marriage and the Family (6,9)	3

Group 2- Economics/ Political Science

ECON 1200	Personal Finance (6)	3	POLS 1600	International Relations (9)	3
ECON 2110	Principles of Macroeconomics (6)	3	POLS 2020	State & Local Government	3
ECON 2120	Principles of Microeconomics (6)	3	POLS 2270	The Presidency	3
POLS 1000	American Government (6,8)	3	POLS 2300	Political Parties (6)	3
POLS 1040	Comparative Politics	3	POLS 2750/ COMM 2750	Political Communication	3
POLS 1080	Introduction to Political Science	3			

Group 3- Geography/Education/Physical Education

EDUC 1110	Introduction to Professional Education	3	EDUC 2800	Professional Practicum	2
EDUC 2000	Educational Psychology	3	GEOG 1020	World Regional Geography (9)	3
EDUC 2160	Children's Literature (5)	3	GEOG 1400	Human Geography (9)	3
EDUC 2300	Introduction to Special Education	3	GEOG 2810	Introduction to Water Science	3
EDUC 2590	Instructional Technology (2)	3	PHED 1000	Lifetime Wellness	3

Group 4- May select 1 class from Group 1, 2, or 3 above

Culture and Gender Studies (C&GS)

ANTH 1020	Introduction to Cultural Anthropology (6)	3	GLST 1000	Introduction to Global Studies	3
ANTH 1120	General Anthropology (6,9)	3	GLST 2980/2981	Global Studies Experience	3
ARTS 2650	Introduction to Native American Art	3	HIST 2100	World History to 1500 CE (9)	3
ARTS 2750	Women in Art	3	HIST 2110	World History since 1500 CE (9)	3
COMM 2110	Intercultural Communication	3	HIST 2960	Survey of African American History	3
ENGL 2150	Introduction to Women's Literature (5,9)	3	HMRS 1320	Multicultural Competency (9)	3
ENGL 2440	African American Literature (5,9)	3	MUSC 2800	Introduction to World Music (7,9)	3
ENGL 2450	Native American Literature (5,9)	3	PHIL 2610/ RELS 2610	Comparative Religions (9)	3
ENGL 2460	Latinx Literature (5,9)	3	POLS 1600	International Relations (9)	3
ENGL 2470	Asian American Literature (5,9)	3	SOCI 1020	Diversity in Society	3
EDUC 2300	Introduction to Special Education	3	SOCI 2000	Gender in Contemporary Society (6,9)	3
GEOG 1020	World Regional Geography (9)	3	SOCI 2010	Social Problems (6,9)	3
GEOG 1400	Human Geography (9)	3	SOCI 2150	Issues of Unity and Diversity (6,9)	3