

Southwestern University On-Ramps Course Equivalencies

Effective for students enrolling at SU beginning with Fall 2026. Updated January 2026.

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Course Name	OnRamps Course Number	TCCNS Equivalent Course	Credits	SU Equivalent Course Number	SU Equivalent Course Title	General Education Requirement	Additional Information
Foundations of Arts and Entertainment Technologies	AET 304	n/a	3	ART68-003	Selected Topics in Art	Fine Arts	
Biology I, and Biology I lab	BIO 311C, and BIO 106M	BIOL 1306, and BIOL 1106	3	BIO50-173, and BIO50-171	Molecular & Cellular Foundations of Biology, and Inquiries in Biology	Natural Sciences	
Principles of Chemistry I, and Introduction to Chemical Practices I lab	CH 301, and CH 104M	CHEM 1311, and CHEM 1111	4	CHE51-103, and CHE51-101	General Chemistry I (lecture), and General Chemistry I (lab)	Natural Sciences	
College Chemistry II, and Introduction to Chemical Practices II lab	CH 302, and CH 104N	CHEM 1312, and CHEM 1112	4	CHE51-203, and CHE51-201	General Chemistry II (lecture), and General Chemistry II (lab)	Natural Sciences	
Elements of Computer Programming	C S 303E	n/a	3	CSC54-003	Selected Topics in Computer Science	Natural Sciences	
Economics	ECO 304K	ECON 2302	3	ECO31-003	Selected Topics in Economics	Social Sciences	This course by itself does not fulfill Business or Economics major or minor requirements. You must also take Macroeconomics. Course may be combined with Macroeconomics AP credit by exam to receive ECO31-104 credit.
Earth, Wind, and Fire: An Introduction to Geoscience	GEO 302E	n/a	3	PHY53-003	Selected Topics in Physics	Natural Sciences	
Issues and Policies in American Government	GOV 312L	GOVT 2302	3	PSC32-003	Selected Topics in Political Science	Social Sciences	
The United States, 1492-1865	HIS 315K	HIST 1301	3	HIS16-003	Selected Topics in History	Humanities	
The United States Since 1865	HIS 315L	HIST 1302	3	HIS16-003	Selected Topics in History	Humanities	
Discovery Pre-Calculus: Preparation for Calculus	M 305G	MATH 2312	3	MAT52-004	Selected Topics in Mathematics	Natural Sciences	
Mechanics, Heat, and Sound, and Mechanics, Heat, and Sound lab	PHY 302K, and PHY 102M	PHYS 1301, and PHYS 1101	4	PHY53-004	Selected Topics in Physics	Natural Sciences	This algebra-based course does not fulfill degree requirements in the BS, or Physics major or minor requirements.
Electromagnetism, Optics, and Nuclear Physics	PHY 302L	PHYS 1302	3	PHY53-003	Selected Topics in Physics	Natural Sciences	This algebra-based course does not fulfill degree requirements in the BS, or Physics major or minor requirements.
Introduction to Quantum Technologies	PHY 309L	PHYS 1307	3	PHY53-003	Selected Topics in Physics	Natural Sciences	
Introduction to Rhetoric: Reading, Writing and Research	RHE 306	ENGL 1301	3	ENG10-114	College Writing	---	This course does not fulfill general education, or English major or minor requirements.
Reading and Writing the Rhetoric of American Identities	RHE 309K	ENGL 1302	3	ENG10-003	Selected Topics in English	---	This course does not fulfill general education, or English major or minor requirements.
Elementary Statistical Methods	SDS 301	MATH 1342	3	MAT52-114	Introduction to Statistics	Natural Sciences	