



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

NTC Program: University Transfer - Associate of Science

UW-River Falls Program: Civil and Environmental Engineering

Minimum GPA for admission: 2.0

Initial effective date: Spring 2025

General Education Courses

NTC			UWRF		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
Communication Courses					
10-801-136	English Composition I <u>OR</u>	3	ENGL 100	Academic Reading and Writing	3
10-801-195	Written Communication				
10-801-196	Oral/Interpersonal Communication <u>OR</u>	3	COMS 101	Fundamentals of Oral Communication	3
10-801-198	Speech				
10-801-197	Tech Reporting	3	ENGL 266	Business Writing (meets CA requirements)	3
Natural Science and Quantitative Reasoning - 18 total credits required (A minimum of 4 credits in Quantitative Reasoning and 8 credits in Natural Sciences + a minimum of 6 additional credits in either area)					
Quantitative Reasoning** (Calculus 1 required at NTC)					
10-804-189	Intro to Statistics	3	MATH 226	Fundamentals of Statistics	3
10-804-195	College Algebra	3	MATH 146	College Algebra	3
10-804-198	Calculus I	4	MATH 166	Calculus for Science and Math	4
Scientific Inquiry** (must include General Physics 1 and General Chemistry 1 at NTC)					
10-806-134	General Chemistry/Lab	4	CHEM 111/116	General Chemistry 1/lab	4
10-806-154	General Physics I/Lab	4	PHYS 121	Algebra-Based Physics 1	4
10-806-114	General Biology/Lab	4	BIOL 150	General Biology	4
Social and Behavioral Science Courses (must select one 809 ad one 806 prefix from NTC courses to meet UWRF requirements)					
10-809-198	Intro to Psychology	3	PSYC 101	General Psychology	3
10-809-196	Intro to Sociology	3	SOCI 100	Introductory Sociology	3
10-809-122	Intro to American Government	3	POLS 114	American Government and Politics	3
10-806-112	Principles of Sustainability	3	ESM 107	Planning for a Sustainable Society	3
Diversity & Ethnic Studies (must select one NTC course)					
10-809-172	Intro to Diversity Studies	3	SOCI 220	Sociology of Diversity	3
10-803-114	Native American History	3	HIST 206	Native Americans and the United States	3

Humanities and Fine Arts					
(must select one 801 and one 809 prefix from NTC courses to meet UWRF requirements)					
10-801-277	Creative Writing	3	ENGL 162	Introduction to Creative Writing	3
10-801-204	Introduction to Literature	3	ENGL 106	Topics in Literature	3
10-801-233	Children's Literature	3	ENGL 250	Literature for Children	3
10-809-166	Intro to Ethics	3	PHIL 240	Social Ethics	3
10-809-260	Introduction to Philosophy	3	Phil 151 OR 221	Living Issues in Philosophy/Ancient Philosophy	3
Global Language and Studies					
10-809-243	Comparative Politics	3	POLS 245	Introduction to Comparative Politics	3
Health/Wellness					
10-807-204	Physical Fitness for Life*	1	HEAL 108	Health and Fitness for Life	1
Ethical Citizenship					
10-801-141	Introduction to Mass Communication*	3	JOUR 101	Introduction to Mass Communication	3
	Total general education credits available:	71			
	Total transferable general education credits:	53		Total general education credits accepted:	53

Special Notes, if any:

* Not required for A.S. degree requirements at Northcentral Technical College

**Minimum of 18 combined credits required from Quantitative Reasoning and Scientific Inquiry for A.S. at Northcentral Technical College. Additional courses to transfer as GEN ED elective requirements at UW River Falls.

Major, Concentration, Emphasis, Electives, or Other Courses					
NTC			UWRF		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-607-100	Intro to Civil Engineering	1	ET 185	Eng. Tech. Professional Seminar 1	1
10-607-101	Surveying and Mapping	2	GENG 235	Surveying	2
10-607-102	AutoCAD and Civil 3D	3	GENG 121	Intro to Computer Aided Drafting and Design	3
10-607-114	Construction Management, Estimating, and Safety	2	GENG 215	Engineering Project Management	2
10-093-102	Introduction to Soils	2	SOIL 120	Introduction to Soils Science	2
10-093-111	GIS Applications & Resource Mgmt.	3	GIS 250	Intro to Geographic Info Science	3
	Total occupational course credits earned:	13		Total occupational course credits accepted:	13
	Total credits required for graduation:	66			
	Total transferable credits:	66		Total credits accepted at UWRF:	13
				Total credits needed to complete degree:	66

Courses needed to complete degree at UWRF:

Course No.	Course Title	Credits
-------------------	---------------------	----------------

AET 150	Applications in Agriculture Engineering	3
ET 285	Eng Technology Professional Seminar II	1
ET 385	Eng Technology Professional Seminar III	1
ET 485	Eng Technology Professional Seminar IV	1
AGEC 230	Agriculture Economics I	3
ESM 105	Intro to Environmental Studies	3
AGEC 220	Agribusiness Computations	3
AET 361	Agriculture Machinery Management	3
AGEN 240	Structural Analysis and Design	3
ET 251	Intro to Measurement and Instrumentation	3
ET 333	Site Engineering	3
AGEN 352	Intro to Food Processing Engineering	3
AGEN 365	Agriculture Waste Management Systems	3
GENG 375	Geotechnical Engineering	3
AET 355	Agriculture Water Management	3
AET 350	Applied Electricity	3
GENG 368	CAD for Civil Design	3
ESM 360, AGEN 270, ESM 333, SOIL 460, ESM 412, GEOL 445, SOIL 440, ESM 363, SOIL 325 ESM 411, GEOL 327, ENVN 326	Electives (Select 3)	9*
Total credits needed at UWRF to complete degree:		54

Special Notes, if any:

*Following courses have pre-reqs not listed here

ESM 412 has pre-req of CHEM 112 or 122 and BIOL 100 or 150

GEOL 445 has a pre-req of GEOL 102

ESM 363 has a pre-req of GEOG 360

SOIL 325 has a pre-req of PLSC 161 or BIOL 150

ESM 411 has a pre-req of ESM 151

GEOL 327 has a pre-req of GEOL 101

Disclaimer: Students planning to transfer should contact NTC's transfer specialist and transfer personnel at UWRF for the most current information.