COSE
SCEE

College of Science & Engineering
School of Computing, Engineering, & Environment

Transfer Guide – BS in Environmental Engineering
from Rochester Community and Technical College

Transfer Process

All transfer students seeking a Bachelor of Science in Environmental Engineering should follow the admission procedures located at www.stcloudstate.edu/transfer to be admitted to St. Cloud State University (SCSU). A student must first be accepted to St. Cloud State and then may apply to the Environmental Engineering major after meeting admission requirements for the major.

Requirements for Admission to the Environmental Engineering Major:

- Major GPA of 2.5 or higher
- Completion of ENGL 191, CMST 192, GENG 101, GENG 102, CHEM 210, MATH 221, PHYS 234, ENVE 201

The following courses transfer from Rochester Community and Technical College (RCTC) to SCSU for Environmental Engineering:

Anoka-Ramsey Community College Course	SCSU Course
ENGL 1117 – Reading and Writing Critically 1 **and** **ENGL 1118** – Reading and Writing Critically 2	**ENGL 191** – Intro to Rhetorical and Analytical Writing
Check with your advisor	**CMST 192** – Introduction to Communication Studies
MATH 1127&1128 – Calculus 1 & 2	**MATH 221 & 222** - Calculus 1 &2
MATH 2237 – Multi Variable & Vector Calc	**MATH 320** – Multivariable Calculus for Engineers
MATH 2208 – Fundamentals of Statistics	**STAT 239** – Statistical Methods 1 for Natural Science
CHEM 1127&1128 – Chemistry Principles 1 &2	**CHEM 210 & 211** – General Chemistry 1 & 2
PHYS 1127 – Classical Physics 1	**PHYS 234** – Classical Physics I
ESCI 1101 – Principles of Geoscience	**AHS 220** – Physical Geology(1)
BIOL 1220 – General Biology 1	**BIOL 151** – Cell Function & Inheritance
ENGR 1101 – Introduction to Engineering	**GENG 101** – Ethics & the Engineering Profession
COMP 2243 – Fundamentals of Computer Science 1	**GENG 102** – Engineering Problem Solving
(1)Transfer of ESCI 1101 (3 cr) for AHS 220 (4 cr) necessitates an additional credit of Science/Technical elective	
Students should complete MNTC Goals 1 and 3-9 through RCTC. If a student completes a Goal within the MNTC, the same Goal will be completed at St. Cloud State once transferred.	

Additional Requirements to Consider when Planning a Study Program

- MNTC goals 2 and 10 are met by completion of ENVE 201, required for the BS ENVE degree
- MNTC goal 3 is met by completion of CHEM 210 and PHYS 234, required for the BS ENVE degree
- MNTC goal 4 is met by completion of MATH 221, required for the BS ENVE degree
- Completion of SCSU's 10 Liberal Education Program (LEP) Goals requires 40 credits of LEP course work
- Graduation requirements include 40 upper-division credits (300-400 level coursework)

For a listing of BS Environmental Engineering degree requirements please consult the University Catalog

Please refer to https://www.transferology.com/ for up-to-date information on course equivalencies.

A suggested SCSU study plan is included on page 2 of this guide.

The information in this guide is subject to change without notice.

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Suggested SCSU study plan, based on course work completion as specified in the table on page 1.

Suggested SCSU plan of study				
Fall	ENVE 201	Intro to Env Eng *(LEP 2, 10)*	3	
	AHS 230	Intro. to Phys Hyd	4	
	ENVE 327	ENVE Proc Analysis	4	
		Sci/Tech	4	15
Spring	MME 201	Thermo / Heat Cond	4	
	ENVE 302	App Num. Meth	3	
	AHS 334	Surface Hydrology	4	
	ENVE 328	Env Systems Analysis	4	15
Summer	Internship			
Fall	ENVE 426	Phys/Chem Proc Des	3	
	ENVE 480	ENVE Proj Des 1	3	
	AHS 332	Phys HydroGeology	4	
	AHS 434	Surf Water Modeling	2	
	MME 303	Fluids / Convection	4	16
Spring	ENVE 427	Biol Proc Design	3	
	ENVE 438	Water Resources Engr	4	
	ENVE 481	ENVE Proj Des 2	3	
	ENVE 482	ENVE Profession	1	
		Sci/Tech	5	16
		SCSU Total =	62	

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