COSE
SCEE

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

Transfer Guide – BS in Environmental Engineering
from Metropolitan State University

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 Metropolitan State University (MetSU) to SCSU for Environmental Engineering:

Metropolitan State University Course	SCSU Course
WRIT 131 & 132 – Writing 1 & 2	**ENGL 191** – Intro to Rhetorical and Analytical Writing
Check with your advisor	**CMST 192** – Introduction to Communication Studies
MATH 210, 211 & 310 – Calculus 1, 2 & 3	**MATH 221, 222 & 320** - Calculus 1 &2, Multi Var Calc for Engr
STAT 201 – Statistics 1	**STAT 239** – Statistical Methods 1 for Natural Science
CHEM 111 & 112 –General Chemistry 1 &2	**CHEM 210 & 211** – General Chemistry 1 & 2
PHYS 211 – Calc Based Physics 1	**PHYS 234** – Classical Physics I
GEOL 118 – Environmental Geology	**AHS 220** – Physical Geology
BIOL 111 – General Biology 1	**BIOL 151** – Cell Function & Inheritance
PHIL 301 – Ethical Inquiry **or** **PHIL 327** – Ethics in the Inf. Age	**GENG 101** – Ethics and the Engr Profession
BIOL 315 – L:imnology (*requires **Biol 112**)2*	Science/Technical elective
CHEM 231 – Organic Chemistry	Science/Technical elective
Students should complete MNTC Goals 1 and 3-9 through **MetSU**. If a student completes a Goal within the MNTC, the same Goal will be completed at St. Cloud State once transferred.	

Engineering:

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
- SCSU BS ENVE requires MATH 327 Differential Equations with Linear Algebra (4 credits). Completion of this requirement through MetSU requires completion of MATH 315 and MATH 350 (8 credits)
- 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	GENG 102	Eng Problem Solving	3	
	ENVE 201	Intro to Env Eng *(LEP 2, 10)*	3	
	AHS 230	Intro. to Phys Hyd	4	
	ENVE 327	ENVE Proc Analysis	4	
	MATH 327	Diff Eq / Linear Alg	4	18
Spring	MME 201	Thermo / Heat Cond	4	
	AHS 334	Surface Hydrology	4	
	ENVE 328	Env Systems Analysis	4	
	ENVE 302	App Num. Meth	3	15
Summer	Internship			
Fall	MME 303	Fluids / Convection	4	
	AHS 332	Phys HydroGeology	4	
	AHS 434	Surf Water Modeling	2	
	ENVE 426	Phys/Chem Proc Des	3	
	ENVE 480	ENVE Proj Des 1	3	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	11
		SCSU Total =	60	
The first semester load could be lessened by completion of an introductory computer programming course prior to enrolling at SCSU				

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