



**Transfer Guide – BS in Environmental Engineering  
from St. Cloud Technical and Community 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](http://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 St. Cloud Technical and Community College (SCTCC) to SCSU for Environmental Engineering:**

SCTCC College Course	SCSU Course
ENG: 1302 – Analytical Writing	ENGL 191 – Intro to Rhetorical and Analytical Writing
CMST 1320 – Introduction to Comm. Studies	CMST 192 – Introduction to Communication Studies
MATH 2311 & 2321 – Calculus 1 & 2	MATH 221 & 222 - Calculus 1 &2
MATH 2350 – Linear Algebra with Diff Equations	MATH 327 – Differential Equations with Linear Algebra
MATH 1351 – Introductory Statistics	STAT 239 – Statistical Methods 1 for Natural Science
CHEM 1510 & 1520 – Principles of Chemistry 1 &2	CHEM 210 & 211 – General Chemistry 1 & 2
PHYS 2310 – Engineering Physics 1	PHYS 234 – Classical Physics I
ESCI 1300 – Geology	AHS 220 – Physical Geology
BLGY 1351 – General Biology 1	BIOL 151 – Cell Function & Inheritance
ENGR 1500 – Introduction to Engineering	GENG 101 – Ethics and the Engineering Profession
CMSC 2203 – C# Programming	GENG 102 – Engineering Problem Solving
ENGR 2510 – Engineering Thermodynamics	MME 201 – Thermodynamics and Heat Conduction
Students should complete MNTC Goals 1 and 3-9 through SCTCC.	
If a student completes a Goal within the MNTC, the same Goal will be completed at St. Cloud State once transferred.	
<sup>1</sup> SCTCC ENGR 2510 transfers for 3 credits of MME 201 and requires completion of Heat Conduction as 1 cr of MME 299, joining roughly the last 1/3 of the MME 201 lecture.	

**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) are required to graduate

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 <sup>(LEP 2, 10)</sup>	3	
	MATH 327	Diff Eq / Linear Alg <sup>(2)</sup>	4	
	AHS 230	Intro. to Phys Hyd	4	
		Sci/Tech elective	4	15
Spring	MME 299	Heat Conduction <sup>(1)</sup>	1	
	ENVE 202	App Num. Meth	3	
	AHS 334	Surface Hydrology	4	
	ENVE 328	Env Systems Analysis	4	
		Sci/Tech elective	4	16
Summer	internship			
Fall	MME 303	Fluids / Convection	4	
	AHS 434	Surf Water Modeling	2	
	ENVE 426	Phys/Chem Proc Des	3	
	ENVE 480	ENVE Proj Des 1	3	
	AHS 332	Phys Hydrogeology	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	
	MATH 320	Multi-var. Calc	3	14
		SCSU Total =	61	
<sup>(1)</sup> Involves joining MME 201 at ~2/3 course completion				

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