



### Transfer Guide – BS in Environmental Engineering from Saint Paul 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 Saint Paul College (SPC) to SCSU for Environmental Engineering:

Saint Paul College Course	SCSU Course
ENGL 1711 – Composition 1 <b>and</b> ENGL 1712 – Composition 2	ENGL 191 – Intro to Rhetorical and Analytical Writing
Check with your advisor	CMST 192 – Introduction to Communication Studies
MATH 2749 & 2750 – Calculus 1 & 2	MATH 221 & 222 - Calculus 1 &2
MATH 2753 –Multi Variable Calculus	MATH 320 – Multivariable Calculus for Engineers
MATH 2760 – Differential Equations with Linear Algebra	MATH 327 – Differential Equations with Linear Algebra
MATH 1740 – Introduction to Statistics	STAT 239 – Statistical Methods 1 for Natural Science
CHEM 1711 & 1712 – Principles of Chemistry 1 &2	CHEM 210 & 211 – General Chemistry 1 & 2
PHYS 2700 – General Physics 1 w/calculus	PHYS 234 – Classical Physics I
NSCI 1721 – Introduction to Geology	AHS 220 – Physical Geology
BIOL 1740 – General Biology 1: The Living Cell	BIOL 151 – Cell Function & Inheritance
ENGR 1707 –Introduction to Engineering	GENG 101 – Ethics & the Engineering Profession
CSCI 1523 – Introduction to Computing/Programming	GENG 102 – Engineering Problem Solving

Students should complete MNTC Goals 1 and 3-9 through SPC.

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.

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

#### Atmospheric and Hydrologic Sciences Department

Faculty Member: Dr. Coleman Henry

Email: [cjhenry@stcloudstate.edu](mailto:cjhenry@stcloudstate.edu)

Website: <http://www.stcloudstate.edu/ahs/>

Phone: 320.308.3260

#### College of Science & Engineering

Student Relations Director: Kelsey Stacken

Email: [kstacken@stcloudstate.edu](mailto:kstacken@stcloudstate.edu)

Phone: 320.308.4870

[Wick Science Building 164](#)



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

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	
	AHS 230	Intro. to Phys Hyd	4	
	ENVE 327	ENVE Proc Analysis	4	
		Sci/Tech elective	4	15
Spring	ENVE 302	App Num. Meth	3	
	MME 201	Thermo / Heat Cond	4	
	AHS 334	Surface Hydrology	4	
	ENVE 328	Env Systems Analysis	4	15
Summer	Internship			
Fall	AHS 332	Phys HydroGeology	4	
	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	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 elective	4	15
		SCSU total =	61	

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