



Transfer Guide – BS in Environmental Engineering from Normandale 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 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 Normandale Community College (NCC) to SCSU for Environmental Engineering:

Normandale Community College Course	SCSU Course
ENGC 1101 – College Writing	ENGL 191 – Intro to Rhetorical and Analytical Writing
COMM 1100 – Introduction to Communication	CMST 192 – Introduction to Communication Studies
MATH 1510 & 1520 – Calculus 1 & 2	MATH 221 & 222 - Calculus 1 & 2
MATH 2510 – Calculus 3	MATH 320 – Multivariable Calculus for Engineers
MATH 2520 – Calculus 4	MATH 327 – Differential Equations with Linear Algebra
MATH 1080 – Introduction to Statistics	STAT 239 – Statistical Methods 1 for Natural Science
CHEM 1061 & 1062 – Principles of Chemistry 1 & 2	CHEM 210 & 211 – General Chemistry 1 & 2
PHYS 1121 – Physics for Science/Engineering 1	PHYS 234 – Classical Physics I
GEOL 1101 – Physical Geology	AHS 220 – Physical Geology
BIOL 1501 – Principles of Biology 1	BIOL 151 – Cell Function & Inheritance
ENGR 1020 – Introduction to Engineering Design	GENG 101 – Ethics & the Engineering Profession
CSCI 1101 – Intro to Computing & Problem Solving	GENG 102 – Engineering Problem Solving
ENGR 2231 – Thermodynamics ⁽¹⁾	MME 201 – Thermodynamics / Heat Conduction

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

If a student completes a Goal within the MNTC, the same Goal will be completed at St. Cloud State once transferred.

⁽¹⁾NCC ENGR 2231 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 ^(LEP 2, 10)	3	
	MME 299	Heat Convection ⁽¹⁾	1	
	AHS 230	Intro. to Phys Hyd	4	
	ENVE 327	ENVE Proc Analysis	4	
		Sci/Tech elective	4	16
Spring	ENVE 328	Env Systems Analysis	4	
	AHS 334	Surface Hydrology	4	
	MME 303	Fluids / Convection	4	
	ENVE 302	App Num. Meth	3	15
Summer	Professional Internship			
Fall	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	12
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 =	58	
⁽¹⁾ Involves joining MME 201 at ~2/3 point of the course				

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