



Transfer Guide – BS in Environmental Engineering from Mesabi Range 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 Mesabi Range College (MRC) to SCSU for Environmental Engineering:

Mesabi Range College Course	SCSU Course
ENGL 1511 – College Writing 1 and ENGL 1512 – College Writing 2 or ENGL 1532 – Technical Writing	ENGL 191 – Intro to Rhetorical and Analytical Writing
Check with your advisor	CMST 192 – Introduction to Communication Studies
MATH 1561 & 1572 – Calculus 1 & 2	MATH 221 & 222 - Calculus 1 & 2
MATH 2543 – Calculus 3	MATH 320 – Multivariable Calculus for Engineers
MATH 2544 – Differential Equations with Linear Algebra	MATH 327 – Differential Equations with Linear Algebra
STAT 2551 – Statistics 1	STAT 239 – Statistical Methods 1 for Natural Science
CHEM 1522 & 1523 – General Chemistry 1 & 2	CHEM 210 & 211 – General Chemistry 1 & 2
PHYS 1571 – Engineering Physics 1 PHYS 1581 – Engineering Physics 1 Lab	PHYS 234 – Classical Physics I
BIOL 1547 – Introduction to Biology	BIOL 151 – Cell Function & Inheritance
ENGR 1220 – Introduction to Engineering	GENG 101 – Ethics & the Engineering Profession

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

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	GENG 102	Eng Problem Solving ⁽¹⁾	3	
	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 elective	4	18
Spring	AHS 220	Physical Geology ⁽¹⁾	4	
	MME 201	Thermo / Heat Cond	4	
	ENVE 302	App Num. Meth	3	
	AHS 334	Surface Hydrology	4	
	ENVE 328	Env Systems Analysis	4	19
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	
		Sci/Tech	4	15
		SCSU total =	68	
⁽¹⁾ Completion of a beginning computer programming course and a physical geology course in the summer prior to joining SCSU would lessen these semester loads.				

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