



# UNIVERSITY OF ILLINOIS AT CHICAGO

## TRANSFER REQUIREMENTS GUIDE FOR: PRAIRIE STATE COLLEGE

### COLLEGE OF ENGINEERING ADMISSIONS GUIDELINES

In all transferable coursework, applicants must earn a minimum cumulative grade point average of 2.50/4.00 for Illinois residents (2.75/4.00 for non-residents) in each of two categories: overall and technical (Math, Science, and Engineering courses). **The recommended science and math coursework for most majors includes CHEM 112, PHYS 141, PHYS 142; MATH 180, MATH 181, MATH 210, MATH 220. Computer Science applicants have additional science choices: Bios 100, Bios 101, Chem 116, Eaes 101, Eaes 102.** Courses in which grades of "D" are earned will not be applied toward the degree. Students must earn the final 60 semester hours at a baccalaureate degree granting institution. Based on the UIC 2007-2009 catalog, this guide is valid for students who enroll through Summer 2009. UIC reserves the right to change the curriculum at any time. The College of Engineering can be reached at (312) 996-3463.

### REQUIRED COURSES IN THE MAJOR

Each major in the College of Engineering has different graduation requirements. **LOCATE THE COLUMN WHICH HAS YOUR DESIRED MAJOR; FOLLOW IT STRAIGHT DOWN.**

**R** = Recommended before admission

**X** = Applies toward degree

**R#** = CS course recommended before admission; 12 hours of lab sciences with one 2-course lab sequence selected from Biology, Chemistry or Physics

UIC Course	Prairie State Course	Prairie State Course Title	Bioengineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science		Electrical Engineering	Engineering Management	Engineering Physics	Industrial Engineering	Mechanical Engineering
							CS	CSO					
ACTG 110	BUS 131	Financial Accounting								X			
ACTG 111	BUS 132	Managerial Accounting								X			
BIOS 100	BIOL 111	Cellular & Molecular Biology	X				R#						
BIOS 101	BIOL 112	Organismal Biology					R#						
CME 201	PHYSI 235	Statics	X		X					X	X	X	X
CHEM 112	CHM 110	General Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHM 130	General Chemistry II	X	X			R#						
CHEM 232, 233	CHM 203	Organic Chemistry I		X									
CHEM 234	CHM 204	Organic Chemistry II		X									
EAES 101	GEOLO 210	Physical Geology					R#						
EAES 102	GEOLO 220	Historical Geology					R#						
ECON 120	ECON 202	Microeconomic Principles								X			
ECON 121	ECON 201	Macroeconomic Principles								X			
CS 108	MATH 201	Engineering Computer Programming.	X	X	X					X	X	X	X
ENGL 160	EGL 101	Composition I	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	EGL 102	Composition II	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MATH 171	Calculus with Analytic Geometry I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MATH 172	Calculus with Analytic Geometry II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MATH 173	Calculus with Analytic Geometry III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MATH 216	Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	CADMD 245	Computer Aided Design			X							X	X
ME 210	PHYSI 240	Dynamics			X							X	X
PHYS 141	PHYSI 210	University Physics I	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHYSI 220	University Physics II	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHYSI 230	University Physics III	X								X	X	X

A listing of UIC General Education courses (formally listed as Humanities and Social Sciences) can be found on UIC's website at <http://www.uic.edu/ucats/catalog/GE.shtml>

This transfer guide is available on the web at [http://www.uic.edu/depts/enga/prospective\\_students/transfer\\_guides.htm](http://www.uic.edu/depts/enga/prospective_students/transfer_guides.htm)