

UNIVERSITY OF ILLINOIS AT CHICAGO
UIC TRANSFER REQUIREMENTS GUIDE FOR: **HAROLD WASHINGTON CITY 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	HWC Course	HWC 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 181	Financial Accounting								X			
ACTG 111	BUS 182	Managerial Accounting								X			
BIOS 100	BIO 121	Biology I	X				R#						
BIOS 101	BIO 122	Biology II					R#						
CME 201	PHYS 215	Statics	X		X					X	X	X	X
CME 203	PHYS 217	Mechanics of Materials	X		X					X	X	X	X
CHEM 112	CHEM 201	General Chemistry I	R	R	R	R	R#		R	R	R	R	R
CHEM 114	CHEM 203	General Chemistry II	X	X			R#						
CHEM 232, 233	CHEM 205 & 206	Organic Chemistry and Lab		X									
CHEM 234	CHEM 207	Organic Chemistry II		X									
EAES 101	GEOL 201	Physical Geology					R#						
ECON 120	ECON 202	Principles of Econ II								X			
ECON 121	ECON 201	Principles of Econ I								X			
CS 108	ENGN 190	Computer Appl. in Engineering	X	X	X					X	X	X	X
ENGL 160	ENGL 101	Composition	R	R	R	R	R	R	R	R	R	R	R
ENGL 161	ENGL 102	Composition	R	R	R	R	R	R	R	R	R	R	R
MATH 180	MATH 207	Calculus and Analytic Geometry I	R	R	R	R	R	R	R	R	R	R	R
MATH 181	MATH 208	Calculus and Analytic Geometry II	R	R	R	R	R	R	R	R	R	R	R
MATH 210	MATH 209	Calculus and Analytic Geometry III	R	R	R	R	X	X	R	R	R	R	R
MATH 220	MATH 210	Differential Equations	R	R	R	R	X	X	R		R	R	R
ME 250	ENGN 131	Engr. Graphics & Intro to Design			X							X	X
ME 210	PHYS 216	Dynamics			X							X	X
PHYS 141	PHYS 235	Engineering Physics I	R	R	R	R	R#	R	R	R	R	R	R
PHYS 142	PHYS 236	Engineering Physics II	R	R	R	R	R#	X	R	R	R	R	R
PHYS 244	PHYS 237	Engineering 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