

Table 1: Math requirements for entry into graduate Economics programs at top midwestern research universities

Graduate program	Three Semesters of calculus	Linear Algebra	Probability & Statistics with calculus	Introduction to Mathematical Proofs	Differential Equations	Game Theory	Real Analysis	Unspecified Advanced Math Courses
Iowa State Univ	Required	Required	Required	Recommended			Recommended	Recommended
Michigan State Univ	Required	Required	Required				Required	
Purdue Univ	Required	Required	Required					
Univ of Chicago	Required	Required	Required				Recommended	Required
Univ of Illinois, Chicago	Required	Required	Required					
Univ of Illinois, Urbana-Champaign	Required	Required	Required				Recommended	Recommended
Univ of Iowa	Required	Recommended	Recommended			Recommended	Recommended	
Univ of Kansas	Required	Required		Recommended				
Univ of Michigan	Required	Required	Required		Required			
Univ of Minnesota, Applied Economics	Required	Required	Required				Recommended	Recommended
Univ of Minnesota, Economics	Required	Required	Recommended		Recommended	Recommended	Recommended	Recommended
Univ of Wisconsin	Required	Required	Required	Required				Recommended
Washington Univ, St. Louis	Required	Required	Required					Recommended
Drake course	MATH 50-70-100	MATH 80	ACTS 131 & 135	MATH 101	MATH 120	MATH 127	MATH 184	*
Status in Drake's QECO major	Required	Required	Required	Elective	Elective	Elective	Elective	Elective

* The following additional MATH courses may be taken as electives in the Quantitative Economics Major: MATH 110 Multivariate Calculus, MATH 125 Math Modeling, and MATH 176 Advanced Linear Algebra.

SOURCES ACCESSED OCTOBER 2021:

- Iowa State University (<https://www.econ.iastate.edu/what-undergraduate-classes-should-i-take>)
- Michigan State University (<http://econ.msu.edu/graduate/application.php>)
- Purdue University (<https://krannert.purdue.edu/academics/Economics/program-phd/gp-admissions.php>)
- University of Michigan (<https://lsa.umich.edu/econ/doctoral-program.html>)
- University of Chicago (<https://economics.uchicago.edu/content/graduate-faq>)
- University of Illinois, Chicago (<https://econ.uic.edu/graduate/admissions-requirements/>)
- University of Illinois, Urbana-Champaign (<https://economics.illinois.edu/admissions/phd-admissions/requirements-application-review>)
- University of Iowa (<https://tippie.uiowa.edu/future-graduate-students/phd-programs/phd-economics/program-overview>)
- University of Kansas (<https://economics.ku.edu/phd-program>)
- University of Minnesota, Applied Economics (<https://cla.umn.edu/economics/graduate/how-apply-phd-program>)
- University of Minnesota, Economics (<https://cla.umn.edu/economics/graduate/how-apply-phd-program>)
- University of Wisconsin (<https://econ.wisc.edu/doctoral/admissions/#Preparation>)
- Washington University, St. Louis (<https://economics.wustl.edu/phd-admissions>)