

Prerequisites & Quarter Offerings 2010

Updated August 2010

Undergrad Courses

Course	Course Name	Pre-reqs	Quarter
4010-101	SE Freshmen Seminar	none	F
4010-102	Honors SE Freshmen Seminar	none	F
4010-350	Personal SE	4010-361	W Sp
4010-361	Software Engineering	4003-233 or 4003-243 or 4003-263	F W Sp
4010-362	Eng. of SW Subsystems	4010-361 / 4010-350 or 4003-334	F Sp
4010-420	Methods Specification & Design	1016-366 / 4010-362	F W
4010-441	Prin. of Concurrent SW Systems	4010-362	W Sp
4010-442	Prin. of Distributed SW Systems	4010-362	W
4010-443	Prin. of Information Systems Design	4010-362	F Sp
4010-444	Eng. Methods for SW Usability	4010-362 / 1016-314 or 1016-351	F Sp
4010-450	SW Process & Product Quality	4010-456 / 1016-314 or equivalent / 1 Co-op	W Sp
4010-452	SW Testing	4010-361	F W
4010-456	SW Process & Proj Mgt	4010-361	F Sp
4010-461	Real Time & Embedded Systems	4010-441 or 4003-440	F Sp
4010-462	Modeling of Real-Time Systems	4010-441 or 4003-440	W
4010-463	Perform. Eng. of R-T & Embedded Sys	4010-441 or 4003-440	
4010-499	Co-op	4010-362 / 0535-351	F W Sp Su
4010-540		1 co-op / One of the following: 4010-441, 4010-444 or design elective	F Sp
4010-549	Seminar in SE Design	4010-362	<i>varies</i>
4010-555	SW Requirements Engineering	4010-420 / 4010-444 / 4010-456 / 1 Co-op	F Sp
4010-556	Agile Software Development	4010-362 / 4010-456	<i>varies</i>
4010-559	Process Seminar Course	4010-456	<i>varies</i>
4010-561	SE Project I	5th year standing / 4 co-ops / 4010-555 / 4010-540	W Su
4010-562	SE Project II	4010-561	F Sp
4010-590	Unspecified Seminar Course	<i>varies</i>	<i>varies</i>

Grad Courses

Course	Course Name	Pre-reqs	Quarter
4011-700	SE Practicum I	enrollment in MSSWE	F W Sp
4011-701	SE Practicum II	4011-700	F W Sp
4011-702	SE Practicum III	4011-701	F W Sp
4011-710	Research Methods	enrollment in MSSWE	F
4011-720	SW Evolution & Re-eng.	7011-710 / 4011-750	Sp
4011-730	Process Eng. & Environments	enrollment in MSSWE	W
4011-740	Empirical SE	4011-710	Sp
4011-750	SW Modeling	enrollment in MSSWE	F
4011-760	SW Quality Eng.	4011-701 / 4011-730	Su
4011-770	SW Architecture & Product Lines	4011-701 / 4011-750	Su
4011-780	SE Experience Research	dept. approval	Su

Info Security Grad Courses

Course	Course Name	Pre-reqs	Quarter
4010-748	Secure SE: Requirements & Design	4010-361	
4010-758	Secure SE: Verification & Validation		