

Applied Math for the Life & Social Sciences Course List - Fall 2017

ASU School of Human Evolution and Social Change

Advising website: <https://shesc.asu.edu/advising> • E-mail: shesc.undergrad@asu.edu

Last updated 02/22/2017. Subject to change. Please check the Fall 2017 schedule of classes for latest updates.

Requirement	Course	Title	Units	Dates	Days	Start	End	General Studies*	Instructor
Intro Class**	AML 253	Intro to Applied Math Tools & Modeling for Life and Social Sciences	3	08/17 - 12/01 (C)	F	12:15 PM	1:30 PM		Lampert
Capstone**	AML 406	Directed Reading & Research for Applied Math	3	08/17 - 12/01 (C)	TBD	TBD	TBD		Staff
Life Sciences	BCH 361	Principles of Biochemistry	3	08/17 - 12/01 (C)	Varies	Varies	Varies		Varies
Life Sciences	BIO 302	Cancer-Mother of All Diseases	3	08/17 - 12/01 (C)	M W	6:00 PM	7:15 PM	L	Compton
Life Sciences	BIO 320	Fundamentals of Ecology	3	08/17 - 12/01 (C)	T Th	4:30 PM	5:45 PM		Day
Social Sciences	ASB 394	Statistics for Social Scientists	3	08/17 - 12/01 (C)	M W	10:45 AM	11:35 AM		York
Social Sciences	ASM 345	Disease and Human Evolution	3	08/17 - 12/01 (C)	TTh	12:00 PM	1:15 PM		Stone
Social Sciences	GCU 350	The Geography of World Crises	3	08/17 - 12/01 (C)	iCourse	iCourse	iCourse	SB & G	Larson
Social Sciences	GCU 496	Geographic Research Methods	3	08/17 - 12/01 (C)	W	9:00 AM	10:15 AM	L	Larson
Social Sciences	GIS 341	Intro to Cartography and Georepresentation	3	08/17 - 12/01 (C)	T Th	10:30 AM	11:45 AM	CS	Trapido-Lurie
Social Sciences	GIS 470	Statistics for Geographers	3	08/17 - 12/01 (C)	Varies	Varies	Varies	CS	Varies
Social Science	JUS 301	Research in Justice Studies	3	Varies	Varies	Varies	Varies	SB	Varies
Social Science	JUS 302	Statistical Analysis for Justice Studies	3	Varies	Varies	Varies	Varies	CS	Varies
Social Science	POS 301	Empirical Political Inquiry	3	Varies	Varies	Varies	Varies	SB	Varies
Social Science	POS 401	Political Statistics	3	Varies	Varies	Varies	Varies	CS	Varies
Social Science	SOC 390	Social Sciences Statistics	3	08/17 - 12/01 (C)	Varies	Varies	Varies	CS	Varies
Social Science	SOC 391	Research Methods	3	08/17 - 12/01 (C)	Varies	Varies	Varies	L or SB	Varies
Applied Math	MAT 300	Mathematical Structures	3	08/17 - 12/01 (C)	Varies	Varies	Varies	L	Varies
Applied Math	MAT 343	Applied Linear Algebra (preferred class: also fulfills AMLSS pre-req)	3	Varies	Varies	Varies	Varies		Varies
Applied Math	MAT 371	Advanced Calculus I	3	08/17 - 12/01 (C)	Varies	Varies	Varies		Varies
Applied Math	MAT 451	Mathematical Modeling	3	08/17 - 12/01 (C)	T Th	9:00 AM	10:15 AM	CS	Crook
Elective	STP 226	Elements of Statistics	3	Varies	Varies	Varies	Varies	CS	Varies
Elective	STP 231	Statistics for Biosciences	3	08/17 - 12/01 (C)	Varies	Varies	Varies	CS	Varies
Elective***	STP 420	Introductory Applied Statistics	3	08/17 - 12/01 (C)	Varies	Varies	Varies	CS	Varies
Elective***	STP 421	Probability	3	08/17 - 12/01 (C)	T Th	Varies	Varies		Varies

* For more information about General Studies requirements, please see: https://catalog.asu.edu/ug_gsr.

** Department consent needed to enroll. E-mail shesc.undergrad@asu.edu to request an override & please be sure to include your 10-digit ASU ID # in that request e-mail.

*** These are the required courses for the catalog year 2016 forward. Those in previous catalog years can choose from any of the available 'Elective' courses.