

Applied Math for the Life & Social Sciences Course List - Fall 2015

ASU School of Human Evolution and Social Change

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

Last updated 02/25/2015. Subject to change. Please check the Fall 2015 schedule of classes for latest updates.

Requirement	Course	Title	Units	Dates	Days	Start	End	GS	Instructor
Intro Class**	AML 100	Intro to Applied Math for Life & Social Science	3	TBA	TBA	TBA	TBA	MA	TBA
Capstone	AML 406	Directed Reading & Research for Applied Math	3	08/20 - 12/04	TBA	TBA	TBA		Bichara
Life Sciences	BCH 361	Principles of Biochemistry	3	08/20 - 12/04	Various	Various	Various		Various
Life Sciences	BIO 320	Fundamentals of Ecology	3	08/20 - 12/04	M W	1:30 PM	2:45 PM		Collins, Day
Life Sciences	BIO 415	Biometry	4	08/20 - 12/04	Various	Various	Various	CS	Pratt
Life Sciences	HCD 300	Biostatistics (also listed as PBH 300)	3	08/20 - 12/04	T Th	10:30 AM	11:45 AM	CS	Staff
Life Sciences	MAT 394	Topic: Mathematics and Cancer	1-4	08/20 - 12/04	T Th	9:00 AM	10:15 AM		Kostelich, Stepien
Social Sciences	ASB 316	Money and Culture	3	08/20 - 12/04	M W	3:00 PM	4:15 PM	L or SB	York
Social Sciences	ASM 345	Disease and Human Evolution	3	08/20 - 12/04	T Th	Noon	1:15 PM		Stone
Social Sciences	GCU 496	Geographic Research Methods	3	08/20 - 12/04	M W	1:30 PM	2:45 PM	L	Larson
Social Sciences	GIS 341	Intro to Cartography and Georepresentation	3	08/20 - 12/04	Various	Various	Various	CS	Various
Social Sciences	GIS 461	Optimization Fundamentals for Spatial Analysis	3	08/20 - 12/04	W	3:00 PM	4:15 PM		Kelley
Social Sciences	GIS 470	Statistics for Geographers	3	08/20 - 12/04	Various	Various	Various	CS	Various
Social Science	JUS 301	Research in Justice Studies	3	Various	Various	Various	Various	SB	Various
Social Science	JUS 302	Statistical Analysis for Justice Studies	3	Various	Various	Various	Various	CS	Various
Social Science	POS 301	Empirical Political Inquiry	3	Various	Various	Various	Various	SB	Various
Social Science	POS 401	Political Statistics	3	Various	Various	Various	Various	CS	Dantico
Social Science	SOC 390	Social Sciences Statistics	3	08/20 - 12/04	Various	Various	Various	CS	Various
Social Science	SOC 391	Research Methods	3	Various	Various	Various	Various	L or SB	Various
Applied Math	MAT 300	Mathematical Structures	3	08/20 - 12/04	Various	Various	Various	L	Various
Applied Math	MAT 343	Applied Linear Algebra	3	Various	Various	Various	Various		Various
Applied Math	MAT 371	Advanced Calculus I	3	08/20 - 12/04	Various	Various	Various		Various
Applied Math	MAT 394	Topic: Mathematics and Cancer	1-4	08/20 - 12/04	T Th	9:00 AM	10:15 AM		Kostelich, Stepien
Applied Math	MAT 494	Topic: Big Data and Mathematical Modeling	3	08/20 - 12/04	T Th	Noon	1:15 PM		Wang
Applied Math	MAT 421	Applied Computational Methods	3	08/20 - 12/04	T Th	1:30 PM	2:45 PM	CS	Wirkus
Elective	HCD 300	Biostatistics (also listed as PBH 300)	3	08/20 - 12/04	T Th	10:30 AM	11:45 AM	CS	Staff
Elective	STP 226	Elements of Statistics	3	Various	Various	Various	Various	CS	Various
Elective	STP 231	Statistics for Biosciences	3	08/20 - 12/04	Various	Various	Various	CS	Various
Elective	STP 420	Introductory Applied Statistics	3	Various	Various	Various	Various	CS	Various
Elective	STP 421	Probability	3	08/20 - 12/04	Various	3:00 PM	4:15 PM		Various

*This is a hybrid course with an in-class and online component.

**Departmental 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