

Applied Math for the Life & Social Sciences Course List - Fall 2014

ASU School of Human Evolution and Social Change

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

Last updated 02/25/2014. Subject to change. Please check Fall 2014 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	08/21 - 12/05 (C)	T Th	3:00 PM	4:15 PM	MA	Murad Qubbaj
Intro Class**	AML 100	Intro to Applied Math for Life & Social Science	3	08/21 - 12/05 (C)	T Th	10:30 AM	11:45 AM	MA	Murad Qubbaj
Modeling Course	AML 253	Intro to Math Tools & Modeling	3	08/21 - 12/05 (C)	T Th	12:00 PM	1:15 PM		Jose Lobo
Capstone	AML 406	Directed Reading & Research for Applied Math	3	08/21 - 12/05 (C)	TBA	TBA	TBA		Staff
Life Sciences	ASM 342	Evolution and Human Behaviour (will also be listed at BIO)	3	08/21 - 12/05 (C)	T Th	3:00 PM	4:15 PM		Sarah Mathew
Life Sciences	BCH 361	Principles of Biochemistry	3	08/21 - 12/05 (C)	Various	Various	Various		Various
Life Sciences	BIO 320	Fundamentals of Ecology	3	08/21 - 12/05 (C)	Various	Various	Various		Various
Life Sciences	BIO 410	Techniques of Conservation Biology and Ecology	3	08/21 - 12/05 (C)	Various	Various	Various	L	Various
Life Sciences	BIO 415	Biometry	3	08/21 - 12/05 (C)	T Th	10:30 AM	11:45 AM	CS	Stephen Pratt
Life Sciences	BIO 424	Dynamic Modeling in Social & Ecological Systems	3	08/21 - 12/05 (C)	T Th	10:30 AM	11:45 AM		John Anderies
Social Science	ASB 316	Money and Culture	3	08/21 - 12/05 (C)	T Th	12:00 PM	1:15 PM	L or SB	Abigail York
Social Science*	ASB 328	Rules, Games, and Society (hybrid)	3	08/21 - 12/05 (C)	T	10:30 AM	11:45 AM	L	Marcus Janssen
Social Science	ASB 410	Poverty, Social Justice, & Global Health	3	10/15 - 12/05 (B)	iCourse	iCourse	iCourse	(L or SB) & G	Amber Wutich
Social Science	ASM 342	Evolution and Human Behaviour (will also be listed at BIO)	3	08/21 - 12/05 (C)	T Th	3:00 PM	4:15 PM		Sarah Mathew
Social Science	ASM 345	Disease and Human Evolution	3	08/21 - 10/10 (A)	iCourse	iCourse	iCourse		Staff
Social Science	ASM 424	Dynamic Modeling in Social & Ecological Systems	3	08/21 - 12/05 (C)	T Th	10:30 AM	11:45 AM		John Anderies
Social Science	GCU 351	Population Geography	3	08/21 - 12/05 (C)	TBA	TBA	TBA	SB & G	Kelli Larson
Social Science	GCU 496	Geographic Research Methods	3	08/21 - 12/05 (C)	M W	1:30 PM	2:45 PM	L	Kelli Larson
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	Various
Social Science	SOC 331	Environmental Sociology	3	08/21 - 12/05 (C)	Various	Various	Various	SB & G	Various
Social Science	SOC 390	Social Sciences Statistics	3	08/21 - 12/05 (C)	Various	Various	Various	CS	Various
Social Science	SOC 391	Research Methods	3	08/21 - 12/05 (C)	Various	Various	Various	L or SB	Various
Applied Math	AML 494	Topic: Mathematical Concepts and Tools in Sustainability	3	08/21 - 12/05 (C)	M W	3:00 PM	4:15 PM		R. Muneeppeerakul
Applied Math	MAT 343	Applied Linear Algebra	3	Various	Various	Various	Various		Various
Applied Math	MAT 371	Advanced Calculus I	3	08/21 - 12/05 (C)	Various	Various	Various		Various
Applied Math	MAT 394	Topic: Mathematics and Cancer	1-4	08/21 - 12/05 (C)	T Th	9:00 AM	10:15 AM		Eric Kostelich
Elective	STP 226	Elements of Statistics	3	08/21 - 12/05 (C)	Various	Various	Various	CS	Various
Elective	STP 231	Statistics for Biosciences	3	08/21 - 12/05 (C)	Various	Various	Various	CS	Various
Elective	STP 420	Introductory Applied Statistics	3	08/21 - 12/05 (C)	Various	Various	Various	CS	Various
Elective	STP 421	Probability	3	08/21 - 12/05 (C)	Various	Various	Various		Various

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

**Departmental consent needed to enroll. Please e-mail shesc.undergrad@asu.edu to request an override