

Applied Math for the Life & Social Sciences Course List - Summer 2019

ASU School of Human Evolution and Social Change

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

Last updated 02/07/2019. Subject to change. Please check the Summer 2019 schedule of classes for latest updates.

SESSION A: 05/20/2019 - 06/27/2019

Requirement	Course	Title	Units	Days	Start	End	General Studies*	Instructor
Intro class	SOS 101	Intro to Applied Math for Life & Social Sciences	3	iCourse	iCourse	iCourse	MA	Vallury
Intro or Math Modeling**	ASB 100	Intro to Global Health	3	iCourse	iCourse	iCourse	SB & G	Jehn
Intro or Math Modeling**	ASB 101	Anthropology: Understanding Human Diversity	3	iCourse	iCourse	iCourse	SB	Hill
Life Sciences	BCH 361	Principles of Biochemistry	3	M - F	11:00 AM	12:45 PM		Wang
Life Sciences	BIO 320	Fundamentals of Ecology	3	M - Th	11:00 AM	12:45 PM		Savalli
Life Sciences	HCD 300	Biostatistics	3	iCourse	iCourse	iCourse	CS	Kizer
Social Science	GIS 341	Intro to Cartography and Geo Representation	3	iCourse	iCourse	iCourse	CS	Fei
Social Science	POS 301	Empirical Political Inquiry	3	iCourse	iCourse	iCourse	SB	Bustikova-Siroky
Social Science	SOC 390	Social Statistics I	3	iCourse	iCourse	iCourse	CS	Field
Social Science	SOC 391	Research Methods	3	iCourse	iCourse	iCourse	L or SB	Gallagher
Applied Math	MAT 300	Mathematical Structures	3	M - F	10:10 AM	11:30 AM	L	Boerner
Applied Math	MAT 343	Applied Linear Algebra	3	Various	Various	Various		Various
Elective***	STP 226	Elements of Statistics	3	M - F	8:35 AM	9:55 AM	CS	Staff
Elective***	STP 420	Introductory Applied Statistics	3	iCourse	iCourse	iCourse	CS	Milovanovic
Elective***	STP 421	Probability	3	M - F	11:50 AM	1:10 PM		Samara

SESSION B: 07/03/2019 - 08/13/2019

Requirement	Course	Title	Units	Days	Start	End	General Studies*	Instructor
Intro class	SOS 101	Intro to Applied Math for Life & Social Sciences	3	iCourse	iCourse	iCourse	MA	Cornell
Intro or Math Modeling**	ASB 100	Intro to Global Health	3	iCourse	iCourse	iCourse	SB & G	Hurtado
Intro or Math Modeling**	MAT 243	Discrete Math Structures	3	Various	Various	Various		Various
Life Sciences	BCH 361	Principles of Biochemistry	3	iCourse	iCourse	iCourse		Lefler
Life Sciences	BIO 320	Fundamentals of Ecology	3	iCourse	iCourse	iCourse		Angilleta
Social Science	ASB 316	Money and Culture	3	iCourse	iCourse	iCourse	L or SB	York
Social Science	GCU 496	Geographic Research Methods	3	iCourse	iCourse	iCourse	L	Staff
Social Science	GIS 341	Intro to Cartography and Geo Representation	3	iCourse	iCourse	iCourse	CS	Fei
Social Science	POS 401	Political Statistics	3	iCourse	iCourse	iCourse	CS	Ramirez
Social Science	SOC 390	Social Statistics I	3	iCourse	iCourse	iCourse	CS	Van Vleet
Social Science	SOC 391	Research Methods	3	iCourse	iCourse	iCourse	L or SB	An
Applied Math	MAT 300	Mathematical Structures	3	M - F	11:50 AM	1:30 PM	L	Vaz
Applied Math	MAT 343	Applied Linear Algebra	3	Various	Various	Various		Various
Applied Math	MAT 371	Advanced Calculus I	3	M - F	10:10 AM	11:30 AM		Motsch
Applied Math	MAT 421	Applied Computational Methods	3	M - F	1:25 PM	2:45 PM	CS	Gumel
Elective***	STP 226	Elements of Statistics	3	Various	Various	Various	CS	Staff
Elective***	STP 231	Statistics for Biosciences	3	iCourse	iCourse	iCourse	CS	Staff
Elective***	STP 420	Introductory Applied Statistics	3	Various	Various	Various	CS	Various

SESSION C: 05/20/2019 - 07/11/2019

Requirement	Course	Title	Units	Days	Start	End	GS	Instructor
Intro or Math Modeling**	MAT 243	Discrete Math Structures	3	M - F	11:50 AM	12:50 PM		Jones
Elective***	STP 226	Elements of Statistics	3	iCourse	iCourse	iCourse	CS	Krishnamoorthy

BOLDED classes are ones which are highly recommended & preferred for AMLSS students to take to fulfill degree requirements.

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

**These are substitution options since AML 100 and AML 253 are not currently being offered. If taking one of these courses, please work with your SHESC advisor to have it correctly "placed" on your DARS.

***For earlier versions of the AMLSS degree (prior to CY 2016), these classes count as AMLSS related area electives.