

Planning Your MAT-SE Non Thesis Degree

Following are three examples of degree plans to help you with your planning. First, take a look at the grid which tells you when particular classes are offered and which courses require a pre/co-requisite. You may take up to five years to complete your degree; after that your oldest courses will no longer be counted toward your degree.

Courses	Course Type	Fall	Spring	Summer
SCE 5301 Critical Issues in Science Education	Core			X
SCE 5305 Evaluating Research in Science Education	Core	X		
SCE 5308 Research in Science Education (SCE 5305 pre-requisite)	Core		X	
SCE 5309 Critical Thinking	Elective	X		
SCE 5v06 Special Topics in Science Education	Elective	X	X	X
SCI 5320 Astrobiology	Science Elective	X		
SCI 5321 Science for Elementary School Teachers	Science Elective	X	X	
SCI 5322 Basis of Evolution	Science Elective		X	
SCI 5324 Ecology	Science Elective			X
SCI 5326 Astronomy: Our Place in Space	Science Elective	X		
SCI 5327 Comparative Planetology	Science Elective		X	
SCI 5328 Marine Science	Science Elective	X		
SCI 5330 Special Topics: STELLA Modeling (SCE 5301 pre/co-requisite)	Science Elective			X
SCI 5331 Physics in the Classroom I: Force and Motion	Science Elective	X		
SCI 5332 Physics in the Classroom II: Energy in Motion	Science Elective		X	
SCI 5333 Physics in the Classroom III: Physics in the Modern World	Science Elective			X
SCI 5334 Instructional Strategies in Science	Science Elective	X		
SCI 5335 Environmental Field Methods	Science Elective	X	X	

SCI 5v06 Special Topics in Science	Elective	X	X	X
ED 5320 Issues in Educational Technology	Elective	X	X	

Not every elective course is offered every semester and/or year; contact the graduate advisor for elective options. Other science courses (GEOS, BIO, CHEM, PHY) may be substituted for science elective classes; contact the graduate advisor.

Year	Fall	Spring	Summer
1	SCE 5305 Evaluating Research in Science Education	SCE 5308 Research in Science Education (SCE 5305 pre-requisite)	SCE 5301 Critical Issues in Science Education
	ED 5320 Issues in Educational Technology	SCI 5322 Basis of Evolution	SCI 5330 Special Topics: STELLA Modeling (SCE 5301 pre/co-requisite)
2	SCI 5328 Marine Science	SCI 5335 Environmental Field Methods	SCI 5324 Ecology
	SCI 5326 Astronomy: Our Place in Space	SCE 5v06 Special Topics in Science Education	SCI 5v06 Special Topics in Science

Year	Fall	Spring	Summer
1	SCE 5305 Evaluating Research in Science Education	SCE 5308 Research in Science Education (SCE 5305 pre-requisite)	SCE 5301 Critical Issues in Science Education
2	ED 5320 Issues in Educational Technology	SCI 5322 Basis of Evolution	SCI 5330 Special Topics: STELLA Modeling (SCE 5301 pre/co-requisite)
3	SCI 5326 Astronomy: Our Place in Space	SCI 5320 Astrobiology	SCI 5324 Ecology
	SCI 5327 Comparative Planetology	SCI 5321 Science for Elementary School Teachers	SCI 5v06 Special Topics in Science

Year	Fall	Spring	Summer
1	SCE 5305 Evaluating Research in Science Education	SCE 5308 Research in Science Education (SCE 5305 pre-requisite)	SCE 5301 Critical Issues in Science Education
2	SCI 5331 Physics in the Classroom I: Force and Motion	SCI 5332 Physics in the Classroom II: Energy in Motion	SCI 5333 Physics in the Classroom III: Physics in the Modern World
3	SCI 5326 Astronomy: Our Place in Space	SCI 5335 Environmental Field Methods	SCI 5330 Special Topics: STELLA Modeling (SCE 5301 pre/co-requisite)
4	SCI 5334 Instructional Strategies in Science	SCI 5322 Basis of Evolution	SCE 5v06 Special Topics in Science Education