

Earth and Environmental Studies BA Course Prerequisites

Prefix	Course Title	Hours	Offering	Enrollment requirements
SES 121	Earth, Solar System & Universe	3	F	
SES 123	Earth, Solar System & Universe Lab	1	F	Pre/co-req: SES 121 with C or better if completed
GLG 305	Dynamic Earth	3	S	BIO 100 or CHM 101 (or higher) or PHY 101 (or higher); GLG 101 or SES 121; MAT 170 or 210 or 251; all with C or better
GLG 325	Oceanography	3	F	BIO 100, BIO 182, BIO 282, GLG 101, or SES 121 with C or better; CHM 101, 113, or 114 with C or better
GLG 327	Earth's Critical Zone	3	F	GLG 101 & 103 or SES 121 & 123; MAT 170, 171, 210, 251, 265 or 270; PHY 101, 111, 121, or 150 or CHM 101, 107, 113, or 114 or BIO 100, 181, 182, 281, or 282; all with C or better
GLG 464	Solving Environmental Problems	3	S	Earth and Environmental Sciences BA seniors; GLG 305, 325 or 327 with C or better
EES electives	Various (must be upper division)	15	F/S/SS	Please see List of pre-approved upper-division electives at https://sese.asu.edu/student-life/forms-resources
Related GLG/SES lab sciences, choose 2 from:				
GLG 101 & 103	Introduction to Geology I (Physical) (lecture + lab)	3/1	F/S/SS	
GLG 102 & 104	Historical Geology (lecture + lab)	3/1	F/S	
GLG 108	Water Planet	4	S	
GLG 110 & 111	Dangerous World (lecture +lab)	3/1	F/S	
SES 106	Habitable Worlds	4	F/S/SS	
SES 122 & 124	History of the Earth and Solar System (lecture + lab)	3/1	S	
SES 141	Energy in Everyday Life	4	F/S/SS	
Math classes, choose 1 from:				
MAT 170	Pre-calculus	3	F/S/SS	MAT 117 with C or better, or Mathematics Placement Test with a score of 50% or higher, or ALEKS score of 61 or higher; Credit is allowed for only MAT 170 or MAT 171
MAT 210	Brief Calculus	3	F/S/SS	MAT 117, 119, 170, or 171 with C or better, or Mathematics Placement Test with a score of 56% or higher, or ALEKS score of 61 or higher; Credit is allowed for only MAT 210 or MAT 251
MAT 251	Calculus for Life Sciences	3	F/S/SS	MAT 170 or 171 with C or better, or Mathematics Placement Test with a score of 56% or higher, or ALEKS score of 61 or higher; Credit is allowed for only MAT 210 or MAT 251

Codes for offering: F=fall, S=spring, SS=summer session

Earth and Environmental Studies BA Related Science requirements

Choose 1 CHM and 1 other science (BIO or PHY)				
CHM 101	Introductory Chemistry	4	Fall/spring/summer	
CHM 113	General Chemistry I	4	Fall/spring/summer	CHM 101 with C or better, or Mathematics Placement Test score of 50% or higher, or ALEKS score of 61 or higher, OR Pre- or corequisite(s): MAT 170, 171, 210, 251, 265 or 270 with C or better if completed
CHM 114	General Chemistry for Engineers	4	Fall/spring	CHM 101 with C or better, or Mathematics Placement Test score of 50% or higher, or ALEKS score of 61 or higher, OR Pre- or corequisite(s): MAT 170, 171, 210, 251, 265, or 270 with C or better if completed
BIO 100	The Living World	4	Fall/spring/summer	
BIO 182	General Biology II	4	Fall/spring/summer	BIO 181 with C or better; Credit is allowed for only BIO 182 or BIO 281 or BIO 282
PHY 101	Introduction to Physics	4	Fall/spring/summer	
PHY 111 & 113	General Physics	3/1	Fall/spring/summer	MAT 170 or higher with C or better, or minimum score of 56% on the Mathematics Placement Test, or ALEKS score of 61 or higher, or Corequisite(s): MAT 210 or higher

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Special notes: This handout is intended as a helpful tool for scheduling planning. Students and advisors should always consult the course catalog for official course information since pre-requisites and course offerings are constantly evolving. Also, occasionally classes don't show up on the DARS in the proper areas for the major. Students should contact the SESE advisor if this occurs.