

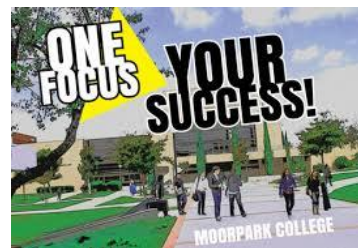
Abyssal Zone Studies

Meta Majors Symbol Here

Degree: AS-T in Abyssal Zone Studies

Hours of college work per week: 50-54

Time to Completion : 2 years



Metamajors Title here

Career Description: Abyssal zone oceanographers study plate tectonics, the geology of the sea floor, and marine life and ecosystems in the abyssal zones.

Program Description: The Associate in Science Degree in Abyssal Zone Studies for Transfer (AS-T) is intended for students who plan to transfer and complete a Bachelor's degree in Abyssal Zone Studies, or a similar major at a CSU campus. Students completing the AS-T degree in Abyssal Zone Studies are guaranteed admission to the CSU system, but not necessarily to a particular CSU campus or major of their choice. Students should consult with a counselor for more information on university admission and transfer requirements, as this AS-T may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

Program-specific Requirements: Several courses in this program require specialized training or preparation to ensure success. These include recommended prep courses, prerequisites, and co-requisites. Recommended prep courses and prerequisites represent unique skills without which the student is unlikely to succeed in the course or program. They should be completed with a grade of "C" or better prior to registration for the specific course.

Use this program map as a tool to choose courses with your counselor. Counseling Appointment Phone: (805) 378-1428

Semester 1	Units	Weekly hours in class	Weekly hours outside study	Advising Notes
CHEM M12 Introductory Chemistry	4	6	8	Prerequisites: MATH M01 or MATH M01B or equivalent
MATH M07 Pre-calculus and Trigonometry	6	6	12	
ENGLM01A or ENGL M01AH	4	4	8	
GEOL M02 Physical Geology	3	3	6	
GEOL M02L Physical Geology Lab	1	1	0	Prerequisite or concurrent enrollment: GEOL M02
Total Units per Semester	17	20	34	Total hours of college work per week 54

Semester 2	Units	Weekly hours in class	Weekly hours outside study	Advising Notes
CHEM M01A or CHEM M01AH General Chemistry (or Honors General Chemistry)	5	8	8	Prerequisites: CHEM11 or CHEM 12 or 1 year high school chemistry; CHEM 12 is recommended Math M03 or equivalent
MATH M25A or MATH M25AH Calculus with Analytical Geometry or Honors Calculus with Analytical Geometry	5	5	10	Recommended prep: Math 5&6 or Math 7 or equivalent
Social or behavioral science	3	3-4	6	For UC transfer, select from IGETC Area 4 For CSU transfer, select from CSU GE Area D For both UC and CSU transfer, select from IGETC Area 4
Critical thinking-English composition	3-4	3-4	6-8	Select from the following: COMM M25, ENGL M01B, ENGL M01BH, ENGL M01C, ENGL M01CH, PHILM05
Total Units per Semester	16-17	19-21	30-32	Total hours of college work per week 49-53

Semester 3	Units	Weekly hours in class	Weekly hours outside study	Advising Notes
MATH M25B Calculus with Analytical Geometry II	5	5	10	Prerequisite: MATH M25A or MATH M25AH
BIOL M02A General Biology	4-5	3-4	6-8	Recommended for UCLA. Student may also select the following Life Sciences Courses: For UC transfer, select from IGETC Area 5B For CSU transfer, select from CSU GE Area B2 For both UC and CSU transfer, select from IGETC Area 4
GEOL M03A Earth History	3	3	6	
GEOL M03AL Earth History Lab	1	3	0	
Humanities	3	3	6	For UC transfer, select from IGETC Area 3B For CSU transfer, select from CSU GE Area C2 For both UC and CSU transfer, select from IGETC Area 3B
Total Units per Semester	16-17	17-18	28-30	Total hours of college work per week 45-48
Semester 4	Units	Weekly hours in class	Weekly hours outside study	Advising Notes
GEOL M05 The World Ocean	3	3	6	This course transfers to CSU, but not UCLA
Humanities	3	3	6	For UC transfer, select from IGETC Area 3B For CSU transfer, select from CSU GE Area C2 For both UC and CSU transfer, select from IGETC Area 3B
Social or behavioral science	3	3-4	6	Must be a different academic discipline than previous social or behavioral science course For UC transfer, select from IGETC Area 4 For CSU transfer, select from CSU GE Area D For both UC and CSU transfer, select from IGETC Area 4
Arts	3	3	6	For UC transfer, select from IGETC Area 3A For CSU transfer, select from CSU GE Area C1 For both UC and CSU transfer, select from IGETC Area 3A
PHYS M20A Mechanics of Solids and Fluids	4	4	8	Recommended Prep: high school physics Math M25B prerequisite or concurrent enrollment
PHYS M20AL Mechanics of Solids and Fluids Lab	1	1	0	Prerequisite or concurrent enrollment: PHYS M20A
Total Units per Semester	17	17-18	32	Total hours of college work per week 49-50
Total Units 66-68				

Career information: The AS-T degree prepares students for transfer to a 4 year university. Many careers in abyssal zone studies require a B.S. or higher degree.

The data below are included as a reference tool and represent local and regional employment information related to this career:

US Department of Labor <http://www.onetonline.org>

Bureau of Labor Statistics <http://www.bls.gov/ooh/>