

**COLLEGE OF THE MARSHALL ISLANDS  
COURSE OUTLINE**

**CIP No. 13.1316**

**EDU 323  
Alpha Number**

**Elementary Science  
Course Title**

**Course Description**

Provides the knowledge, skills, and attitudes that will enable students to successfully provide elementary learners with the foundations necessary to become scientifically literate. Stresses strategies to guide elementary learners to be involved in a dynamic cycle of observing, exploring, testing, and forming generalizations or conclusions.

**Course prepared by:** Education Department April/2011

	Hours per Week	Number of Weeks	Total Hours	Credits
Lecture	<u>3</u>	<u>16</u>	<u>48</u>	<u>3</u>
Laboratory	<u>1</u>	<u>16</u>	<u>16</u>	<u>1</u>
Clinical	_____	_____	_____	_____
Seminar	_____	_____	_____	_____
Field	_____	_____	_____	_____
<b>Total Credit Hours</b>				<u>4</u>

Purpose of Course:

Degree Requirement	<u>  X  </u>
Degree Elective	_____
General Education	_____
Credit Certification	_____
Developmental	_____
Community Education	_____
Vocational Education	_____
Adult Basic Education	_____

Distribution Area:

Humanities	_____
Social Sciences	_____
Mathematics (Credit)	_____
Science	_____

Prerequisite(s)      Completion of AS or AA degree from the College of the Marshall Islands  
Or Admittance to CMI BAEE degree

  
\_\_\_\_\_  
Signature, Curriculum Committee Chairperson

12/ 5/ 2019  
Date

\_\_\_\_\_  
Signature, Dean of Academic Affairs

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature, Vice President of Academic and Student Affairs

\_\_\_\_\_  
Date

Last Date reviewed or revised: December 02, 2019

**I. Elementary Science  
Course Title**

**EDU 323  
Alpha Number**

**II. Student Learning Outcomes**

Upon completion of this course, the student will be able to:

1. Implement grade appropriate science instruction and assess student learning. (BAEE experiential learning, BAEE engaging and meaningful lessons, BAEE assess K-6 students' progress)
2. Create a collection of grade specific inquiry based activities. (BAEE experiential learning, BAEE RMI elementary curriculum, BAEE professional practices)
3. Promote students' science knowledge through reading and writing using select children's literature. (BAEE differentiate instruction, BAEE RMI elementary curriculum)
4. Present lessons based on contemporary and indigenous science knowledge. (BAEE engaging & meaningful lessons, BAEE professional practices)

**III. Course Content**

This course provides students with knowledge and methods for effective teaching of science in the elementary school.

1. Scope of elementary science concepts
2. Curriculum materials for classroom use
3. Framework for preparing instruction in classrooms
4. Integrating children's literature in science topics
5. Scientific exploration in local environment

**IV. Methods of Instruction**

1. Instructional modeling
2. Field experience
3. Presentations
4. Assigned content readings

**V. Equipment and Materials**

1. Supplemental articles
2. Professional Teaching Videos
3. LCD Projector

**VI. Suggested Methods of Evaluation**

1. Quizzes
2. Demonstration
3. Media summaries
4. Field assignment completion
5. Written self-evaluations/journals
6. Class/individual projects

Letter grades will be assigned per CMI grading system.