

# BA in Marine Science w/Education Concentration

## BIOLOGICAL SCIENCE CERTIFICATION (K-12)

Revised 11/14/2017

While all bachelor programs require a minimum of 128 credits and a 2.00 cumulative GPA, the NJ Department of Education requires a **3.0 cumulative GPA to be certified**. Students in this concentration must complete a MARS major with accompanying EDUC courses as shown. A Math SAT score of 550 or better is required to declare MARS as a major. To earn a certification in biological science, a student must complete 30 credits in biological science with 12 at the upper level. A student should seek guidance on course choices to ensure they count towards certification. A grade of "C" or better is required in all content courses and a B- or better in professional education courses. High school coursework in math and science is recommended. Consult with the EDUC Program for application and licensure requirements. "The student is responsible for ensuring that all graduation requirements are met" (Bulletin). **Consult with your preceptors (EDUC & MARS) on a regular basis.**

Student Name: \_\_\_\_\_ Z \_\_\_\_\_

MARS Preceptor: \_\_\_\_\_ EDUC Preceptor: \_\_\_\_\_

Dates of Curr WS Review \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

#1 MARS BA Students should seek regular MARS precepting for all program courses to meet BA requirements. A 2.0 GPA is required for the BA. Also, students MUST earn C or better in all content courses for the Major #1 that count towards certification requirements.	Credits	C or Better Cert. courses
MARS 2201 Intro to Marine BIOL	4	
MARS 2202 Intro to Oceanography	4	
CHEM 2110/15 CHEM I w/Lab	5	
CHEM 2120/25 CHEM II Organic w/Lab	5	
<b>Choose 2 out of 3:</b> MARS 3309 Coastal Oceanography /w lab OR MARS 3361/65 Global Ocean Basins /w lab OR GEOL 2110/15 Marine Geology /w lab	4-5	
BIOL 1200/05 Cells & Molecules	5	
BIOL 1400/05 Biodiver.& Evolution OR 1100/05	5	
PHYS 2110/15 or PHYS 2220/25	5-6	
Statistics 2000-4000 level	4	
Choose one course each from THREE of FOUR Groups: <b>Group I:</b> General Ecology BIOL 2100 Ecology OR ENVL 2200/05 Ecological Principles <b>Group II:</b> Marine Plants MARS 3335 Marine Botany <b>Group III:</b> Invertebrate taxonomy MARS 3300 Invertebrate Zoology <b>Group IV:</b> Vertebrate taxonomy MARS 3340 Introduction to Ichthyology OR MARS 3489 Marine Mammalogy	4	
MARS 3306 Aquaculture OR MARS 3307 Fisheries Science & Management OR MARS 3201 Marine Conservation Ecology	4	
<b>Total Credits for MARS BA Major</b>	<b>64</b>	
<b>Required Cognates from EDUC (at right)</b>	<b>16</b>	

#4 Professional Requirements: Grades of C or better required (equiv. transfer credits can be accepted)- 20 credits at left	Credits	Grade
EDUC 1515 Diversity in Fam, Schl & Commun. (4 cr ASD, V) or equiv, also accepted: GAH 1360; GEN 2126; GSS 1044, 3360, 3516; SOCY 2745		
EDUC 2241 Inclusive Learning in Education (4 cr ASD) also accepted GSS 2330,2340		
INTC 2610 Instructional Tech for K12 Educators (4 cr ASD) also accepted GEN 2108		
PSYC 3323 Adolesc (4 cr ASD) also accepted PSYC 2201/3322 Dev/Life; EDUC 2231 Dev. of Learner		
PSYC 3391 Ed. Psyc (4 cr ASD) also accepted EDUC 2231 Dev. Of Learner		
<b>Prerequisite to Entry: Grade of B- or better required</b>	<b>Credits</b>	<b>Grade</b>
EDUC 2000 Gateway to NJ Teaching Profession (1 cr ASD)	1	
<b>Additional requirements for EDUC entry*/placement</b>		<b>Done?</b>
Attend Information Session and Orientation*		
3.0 or better overall GPA* <b>GPA _____ as of _____</b>		
Criminal Background Check / Sub Cert		
TB Test		
State Code Exam (formerly Health Test)		
<b>Core Praxis Scores* or SAT score of 560+ reading &amp; 540+ math or an ACT score of 23 on both the English and Math sections</b>	Reading score	
	Writing score	
	Math score	

#2 Required General Education	Credits	C or
GEN	4	
GAH	4	
GAH	4	
GNM	4	
GNM	4	
GSS	4	
GSS	4	
GIS	4	
<b>Total General Studies required</b>	<b>32</b>	

**General Studies Writing Requirement - 4 courses-**  
Two W1 courses may be transferred. W2 courses must be at Stockton.  
\_\_\_W1 \_\_\_W1/W2 \_\_\_W1/W2 EDUC4600 W1/W2 3000 level

**General Studies Quantitative Reasoning Requirement - 3 courses-**  
Two Q1 courses may be transferred. Q2 courses must be taken at Stockton  
\_\_\_Q1 \_\_\_Q2 \_\_\_Q1 or Q2

**General Studies Outcome Requirement:** These courses are listed as attributes  
\_\_\_A (Arts) \_\_\_H (Historical Consciousness)  
\_\_\_FSEM \_\_\_EDUC1515 V (Values/Ethics) \_\_\_I (International/Multicultural)

#3 Required At-Some-Distance courses—EDUC sequence and grades from right column: PSYC 3391, 3323, EDUC 2241, 1515, INTC 2610, EDUC 2000, 3100, 3101, EDUC 3200, 4120, 4600, 4991, 4992 (37 cr)	Credits	B- or Better
PSYC 1100	4	
<b>Total At-Some-Distance required</b>	<b>39</b>	

**#5 Professional Education**—Grade of B- or better required (**32 credits** counted at left) *Professional licensure courses may only be re-attempted once after withdrawal or failure to earn B- or better.*

Clinical Experience Semester	Credits	Grade
EDUC 3100 Part-time Clinical Experience in EDUC (50 hr– 2 cr ASD)	2	
<b>PRAXIS II TEST(S) must be passed BY the Clinical Practice I Semester in the subject(s) and grade level you wish to student teach. Check this website for current NJ test information for certification area <a href="http://www.ets.org/praxis/nj/requirements">www.ets.org/praxis/nj/requirements</a></b>		<b>Score:</b>
<b>Clinical Practice I Semester (formerly "Introductory Semester")</b>		
EDUC 3101 Part-time Clinical Practice I in EDUC (80 hr- 2cr ASD)	2	
EDUC 3200 Practices & Techniques of Teaching (4 cr ASD)	4	
<b>Clinical Practice 2 Semester (formerly "Intermediate Semester")</b>	<b>Credits</b>	<b>Grade</b>
EDUC 4120 Reading in the Content Area (2 cr ASD)	2	
EDUC 4600 Part-time Clinical Practice II in EDUC (W2)- 100 hrs (ASD)	2	
EDUC 4606 Methods of Teaching Science & Math (4 cr cognate)	4	
<b>Full-time Final Clinical Practice Semester (formerly "Student Teaching")</b>	<b>Credits</b>	<b>Grade</b>
EDUC 4990 Full-time Final Clinical Practice - full-time 15-week experience (12 cr cognate)	12	
EDUC 4991 Final Clinical Practice Seminar (2 cr ASD)	2	
EDUC 4992 edTPA Capstone (2 cr ASD)	2	

In order for your certificate to be processed, you must meet the following requirements: complete your BA/BS degree; pass the Praxis test(s), take the edTPA, and complete all liberal arts content coursework required; and attain a minimum GPA of 3.0.

Final Overall GPA \_\_\_\_\_ as of \_\_\_\_\_