



Barracuda Diving India

SunVillage, Baga-Arpora, Goa - 403518
Email: barracudadiving@gmail.com Tel: 9822 182402 / 91-832 2269409-14 ext 561



Curriculum for Marine Biotechnology students of Goa University

Program Title	: Open Water Scuba certificate course + Orientation to underwater marine life surveys
Proposed Time frame	:Mid January to Mid March
Cost per student	:Rs.16,500.00 payable in cash in a maximum of 2 installments – 50% on or before 15th Jan and the balance 50% on or before 15th Feb .
No. of participants	: 20
Prerequisites	: Students MUST know how to swim 200 meters any style and be able to float 10 minutes
Venue for training	: All theory and pool training at the Dive Center in Sun Village Resort, Baga-Arpora, Goa. All sea dives at Grande Island.
Course Syllabus	:Module One - Dive Theory <ul style="list-style-type: none">- Introduction- Diving equipment- Physics- Physiology- Planning dives- Executing dives- The underwater world- Scuba experience and beyond Module Two - Practicals <ul style="list-style-type: none">- 2 sessions of pool training for skills- 2 days of sea dives - repeating pool skills and pleasure dives– total 4 dives

The program proposed for the students is the SSI Open Water course which is an internationally recognised program for which American Colleges also give college credits under ACE. The course consists of the following

1. Online e-learning of theory modules which the students will need to complete at home / university. the duration of this is about 3 hours. This will be monitored by us and on completion a certificate to that effect will be e-mailed to your department in due course.
2. Two classroom sessions of 1 hour each will be conducted with videos as well as lectures / discussions
3. Swimming pool training for approx 4 hours in total over 2 days involving all basic skills of scuba diving as well as equipment management
4. Four open water dives of approx 45 minutes each over 2 days involving skills practice as well as pleasure dives.



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5. Objective type 50 questions final exam of 1 hour and certification.

In addition to this we will include a classroom presentation involving a slide show and lecture on marine life identification, methods / techniques of underwater marine life surveys, sample collections, etc.

Tentative Course Schedule

Please note that ALL students are required to finish online e-learning for which they can register online via our website at www.barracudadiving.com by clicking on “SSI Free e-learning” button and registering with Barracuda Diving India as the dive center of choice and completing the Open Water course modules ONLY.

Batches

4 students per batch (5 batches):

Day 1: 10am to 1pm – Lecture session

2.30 pm to 5pm – Pool training – modules 1 to 3

Day 2: 2.30 pm to 5pm – Pool training – modules 4 & 5

Day 3 : 8am to 2pm – Open Water dives 1 & 2

Day 4 : 8am to 5pm - Open Water dives 3 & 4 and final exam

Common sessions

Day 1 : 3 to 5pm - Lecture on marine life survey techniques & presentation of certificates for Batches 1, 2 & 3

Day 2 : 3 to 5pm - Lecture on marine life survey techniques & presentation of certificates for Batches 4 & 5

Materials to carry

: Swimwear and towel on all days

Programme: M.Sc. Marine Biotechnology
Course code: MBO 191
Title of the course: SCUBA DIVING
Number of credits: 2
Effective from: 2019-2020

Content	<p>MODULE I: Dive Theory</p> <ul style="list-style-type: none"> • Introduction • Diving equipment • Physics • Physiology • Planning dives • Executive dives • The underwater world • Scuba experience and beyond <p>MODULE II: <u>Practicals</u></p> <ul style="list-style-type: none"> • 2 sessions of pool training for skills • 2 days of sea dives- repeating pool skills and pleasure • Dives – Total 4 dives. 	<p>24 hours</p> <p>24 hours</p>
References/ Reading	www.barracudadiving.com	



Goa University
Taleigao Plateau, Sub Post Goa University, Goa 403206 India.
**ISA MARKS INPUT FORM FOR POST GRADUATE CHOICE BASED CREDIT COURSE (OA-18A) EXAM TO
BE HELD IN JULY 2020
MASTER OF SCIENCE IN APPLIED GEOLOGY**

Paper Code: MBO 191

Paper Name: Scuba Diving

Credits Allotted: 2

Max Marks:

20

SEMESTER IV - 2ND YEAR July 2020

College/Department : Department of Earth Science

Seat Number	Student Name	ISA(20)
EA-2018013	NARGODDI PRADEEP JAGDISH 201502513	19.6
EA-2018014	BOTE PRABODH PRAKASH 201800193	19.6

Certified that all the sub components have been taken into account while finalising the above marks.

NAME OF EXAMINER 1:

SIGNATURE OF EXAMINER 1:

NAME OF EXAMINER 2:

SIGNATURE OF EXAMINER 2:

Date: ____/____/____

N.B.NOTE: Department may kindly confirm that the above details are correct with reference to paper title, paper code and number of credits.

<< Absentees should be marked as 'A'(without quotes) >>

<< Carry forward of marks should be indicated as 'CF' (without quotes) in marks column.>> for ISA

Certified that all the sub components have been taken into account while finalising the above marks.

Handwritten signature and date 11/7/2020



Goa University
Taleigao Plateau, Sub Post Goa University, Goa 403206 India.
**SEA MARKS INPUT FORM FOR POST GRADUATE CHOICE BASED CREDIT COURSE (OA-18A) EXAM TO
BE HELD IN JULY 2020**
MASTER OF SCIENCE IN MARINE SCIENCE

Paper Code: MBO 411

Paper Name: Scuba Diving

Credits Allotted: 2

Max Marks:

30

SEMESTER II - 1ST YEAR July 2020

College/Department : All Dept/College

Seat Number	SEA(30)
19P0400010	26.4
19P0400011	25.8
19P0400015	28.2
19P0400016	26.4

Certified that all the sub components have been taken into account while finalising the above marks.

NAME OF EXAMINER 1:

**SIGNATURE OF EXAMINER
1:**

NAME OF EXAMINER 2:

**SIGNATURE OF EXAMINER
2:**

Date: ____/____/____

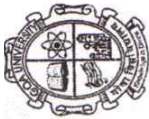
N.B.NOTE: Department may kindly confirm that the above details are correct with reference to paper title, paper code and number of credits.

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Certified that all the sub components have been taken into account while finalising the above marks.


Head
Department of Biotechnology
Goa University



Goa University

Taleigao Plateau, Sub Post Goa University, Goa 403206 India.

SEA MARKS INPUT FORM FOR POST GRADUATE CHOICE BASED CREDIT COURSE (OA-18A) EXAM TO BE HELD IN JULY 2020

College/Department : Marine Science (School of Earth Ocean & Atmospheric Sciences)

Paper Code: MBO 191

Paper Name: Scuba Diving

Max Marks: 30 **2ND SEM - 1ST YEAR July 2020**

Credits Allotted: 2

Seat Number	SEA(30)
19P0400010	26.4
19P0400011	25.8
19P0400015	28.2
19P0400016	26.4

Certified that all the sub components have been taken into account while finalising the above marks.

NAME OF EXAMINER:

EXAMINER'S SIGNATURE:

HOD'S SIGNATURE:

Date: / /

N.B. NOTE: Department may kindly confirm that the above details are correct with reference to paper title, paper code and number of credits.

<< Absentees should be marked as 'A'(without quotes) >>

<< Carry forward of marks should be indicated as 'CF' (without quotes) in marks column. >> for ISA



Taleigao Plateau, Sub Post Goa University, Goa 403206 India.

College/Department : Marine Science (School of Earth Ocean & Atmospheric Sciences)
Paper Code: MBO 191
Credits Allotted: 2
Paper Name: Scuba Diving
Max ISA - 1 Marks: 20 July 2020

Seat Number	Student Name	ISA - 1	ISA - 2	ISA - 3	ISA(20)
19P0400010	PEREIRA JANE GABRIELLA 201608846				17.6
19P0400011	PILLAI SHRADDHA RAVI 201907142				17.2
19P0400015	RAUT MAYURI WASUDEO 201907140				18.8
19P0400016	SARANG S DEEP 201907144				17.6

Certified that all the sub components have been taken into account while finalising the above marks.

NAME OF EXAMINER:

EXAMINER'S SIGNATURE:

HOD'S SIGNATURE:

Date: / /

N.B. NOTE: Department may kindly confirm that the above details are correct with reference to paper title, paper code and number of credits.

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<< Carry forward of marks should be indicated as 'CF' (without quotes) in marks column.>> for ISA