

University of Mumbai



No. AAMS_UGS/ICC/2023-24/44

CIRCULAR:-

Sub :- M. Sc. (Marine Science).

Ref :- RB/MU-2023/CR-490/Edn-3/950 dated 12th July, 2023.

Attention of the Principals of the Affiliated Colleges, Directors of the Recognized Institutions and the Head University Departments in Faculty of Science & Technology is invited to this office circular No. AAMS (UG)/140 of 2021 dated 25th October, 2021, relating to the M. Sc. (Maritime Studies) (Sem I to IV) (CBCS).

They are hereby informed that the recommendations made by the Ad-hoc Board of Studies in Maritime Studies at its online meeting held on 23rd August, 2022 vide item No.1 and subsequently passed by the Board of Deans at its meeting held on 8th December, 2022 vide item No.8.6 (A) have been accepted by the Academic Council at its meeting held on 06th April, 2023 vide item No. 8.6 (A) and subsequently approved by the Management Council at its meeting held on 27th April, 2023 vide item No. 11 and that in accordance therewith, in exercise of the powers conferred upon the Management Council under Section 74(4) of the Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017) for the amendment of O. 6671 relating to title of the course M. Sc. (Marine Science)., from the academic year 2022-23 and to read as under:-

Amendment of O. 6671 :-

| Existing (Title) | Amended (Title) |
|---------------------------|-------------------------|
| M. Sc. (Maritime Studies) | M. Sc. (Marine Science) |

(The said circular is available on the University's website www.mu.ac.in).

MUMBAI – 400 032

27th July, 2023

To

(Prof. Sunil Bhirud)
I/c. REGISTRAR

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions and the Head University Departments in Faculty of Science & Technology.

A.C/8.6(A)/06/04/2023.

M.C/11/27/04/2023.

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Ad-hoc Board of Studies in Maritime Studies.
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

Copy for information and necessary action :-

- 1. The Deputy Registrar, College Affiliations & Development Department (CAD),**
- 2. College Teachers Approval Unit (CTA),**
- 3. The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),**
- 4. The Deputy Registrar, Academic Appointments & Quality Assurance (AAQA)**
- 5. The Deputy Registrar, Research Administration & Promotion Cell (RAPC),**
- 6. The Deputy Registrar, Executive Authorities Section (EA)**
He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to the above circular.
- 7. The Deputy Registrar, PRO, Fort, (Publication Section),**
- 8. The Deputy Registrar, Special Cell,**
- 9. The Deputy Registrar, Fort Administration Department (FAD) Record Section,**
- 10. The Deputy Registrar, Vidyanagari Administration Department (VAD),**

Copy for information :-

- 1. The Director, Dept. of Information and Communication Technology (DICT), Vidyanagari,**
He is requested to upload the Circular University Website
- 2. The Director of Department of Student Development (DSD),**
- 3. The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,**
- 4. All Deputy Registrar, Examination House,**
- 5. The Deputy Registrars, Finance & Accounts Section,**
- 6. The Assistant Registrar, Administrative sub-Campus Thane,**
- 7. The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,**
- 8. The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,**
- 9. P.A to Hon'ble Vice-Chancellor,**
- 10. P.A to Pro-Vice-Chancellor,**
- 11. P.A to Registrar,**
- 12. P.A to All Deans of all Faculties,**
- 13. P.A to Finance & Account Officers, (F & A.O),**
- 14. P.A to Director, Board of Examinations and Evaluation,**
- 15. P.A to Director, Innovation, Incubation and Linkages,**
- 16. P.A to Director, Department of Lifelong Learning and Extension (DLLE),**
- 17. The Receptionist,**
- 18. The Telephone Operator,**

Copy with compliments for information to :-

- 19. The Secretary, MUASA**
- 20. The Secretary, BUCTU.**

Justification for M. Sc. Marine Sciences

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| 1. Necessity for starting the course: | <p>The state of Maharashtra has a long coastline extending more than 700 km. While the vast living and nonliving resources in the coastal waters are of great advantage for the state's socio-economic well being, the long coastline also poses threats of sea level rise, coastal erosion and other marine hazards in the changing climate. Also, being host to two major ports of the country, Maharashtra handles more than 18% of cargo transport via sea. Knowledge of Physical, Chemical and Biological aspects of Oceans are essential to address the challenging issues related to ocean resources and climate and harness the benefits of emerging 'Blue Economy'. Despite being heavily dependent on the marine activities, the state of Maharashtra does not have an academic program to teach marine sciences as core subject and to carry out focused research that affect the maritime and coastal environment of the state. In order to fill this gap, Centre for Excellence in Marine Studies, University of Mumbai has decided to modify the curriculum of the M. Sc. Maritime Studies program to include broader aspects Marine Sciences and to rename the program as M. Sc. in Marine Sciences.</p> |
| 2. Whether the UGC has recommended the course: | No specific recommendation |
| 3. Whether all the courses have commenced from the academic year 2019-2020 (2022-23): | M. Sc. Marine Sciences course has been started from the AY 2022-23. |
| 4. The courses started by the University are self-financed, whether adequate number of eligible permanent faculties are available?: | <ol style="list-style-type: none"> 1. The M. Sc. Marine Sciences course is self financed. 2. A full time Director at the level of Professor has been appointed on 30th April 2022 for a period of 5 years to plan and execute academic and research activities in the Centre for Excellence in Marine Studies. 3. No regular academic faculty members has been appointed so far. In the absence of regular faculty members, courses are offered with the help of Ad-hoc faculty members (3 nos) and guest faculty members from various academic and research institutes and industry. |
| 5. To give details regarding the duration of the Course and is it possible to compress the course?: | The M. Sc. program is for a duration of 2 years. Considering the breadth and depth of the topics covered in the program, it is not feasible to compress the course. |

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| 6. | The intake capacity of each course and no. of admissions given in the current academic year: | Maximum intake is 20. Admissions given in the AY 2022-23 is 4. |
| 7. | Opportunities of Employability / Employment available after undertaking these courses: | Major job opportunities are in the institutions with in the country and abroad which are engaged in R&D in the field of weather, climate and ocean resources, marine biodiversity, coastal protection, maritime multi-hazards and mitigation, industries working in the field of Marine Resources, including renewable energy, Weather forecast agencies, Industries in Marine/coastal Engineering, Universities and other higher education institutes etc. |

Signature:



(Dr. Francis P. A.)
Chairman, Ad-hoc Board of Studies