

UNIVERSITY OF MUMBAI

No.UG./ 180 of 2006

CIRCULAR:-

Attention of the Director/Heads ^{concerned} recognized Institutions/ and Principals of the affiliated colleges in the Faculty of Science is hereby invited to the Ordinances, Regulations and Syllabi relating to the Master of Science (M.Sc.) (Parts I & II) vide Pamphlet No.175 and to this office Circular No.UG/58 of 2006 dated 4th March,2006 and they are hereby informed that the recommendation made by the Ad-hoc Committee appointed by the Academic Council to advise it on all matter of relating to the course of study and examinations in the subject of Life Sciences at the B.Sc. and M.Sc. degree course at its meeting held on 21st February,2006 has been accepted by the Academic Council at its meeting held on 27th February,2006 vide Item No.4.1 and subsequently approved by the Management Council at its meeting held on 2nd May,2006 vide Item No.3 and that in accordance therewith Ordinance 2441 relating to the eligibility criteria prescribed for admission to the M.Sc. degree courses (By Papers) in various subjects be amended by incorporating the eligibility criteria prescribed for admission to the M.Sc. degree in Life Sciences under Serial No.6 to read as under :-

O.2441 :- A candidate for being eligible for admission to the M.Sc. degree course in the branches other than the branches of Molecular Biology, Computer Science, Biochemistry, Biophysics, Fisheries Management, Life Sciences and Information Technology must have passed :-

- (a) the B.Sc. (Three Year Integrated Course) degree examination of this University with at least seven units (i.e. the minimum required for majoring in a subject) in that subject which he wants to offer for M.Sc. degree course.

OR

- (b) the B.Sc. (Old Four Year Course) degree examination of this University .

OR

- (c) an examination or another University recognized as equivalent thereto.

OR

- (d) Candidates who have passed the B.Sc. (Old Four Year Course) degree examination of this University (or an examination of another University recognized as equivalent thereto) with the following combinations of subjects will be eligible for admission to the M.Sc. degree course in the branches of (i) *Molecular Biology and (ii) *Computer Science.

(i) *MOLECULAR BIOLOGY

The candidate must have passed the B.Sc. (Old Course) degree examination with one of the following as the principal subject :-

Chemistry,
Biochemistry,
Physics,
Mathematics,
Botany,
Zoology,
Microbiology,
Any other branch of Biology.

(ii) *COMPUTER SCIENCE

The candidate must have passed the B.Sc. (Old Course) degree examination with the following combination of subjects:-

PRINCIPAL

SUBSIDIARY

Mathematics (Revised Course)

OR

Physics

Mathematics

OR

Statistics

Mathematics

OR

The Bachelor of Engineering (B.E.) degree examination.

Candidates who have passed the B.Sc. (Three Year Integrated Course) degree examination of this University (or an examination of another University recognised as equivalent thereto) with the following combination of subjects will be eligible for admission to the M.Sc. degree course in the branches of (1) Molecular Biology, (2) Computer Science, (3) Biochemistry and (4) Biophysics.

(1) MOLECULAR BIOLOGY

The candidate must have passed the B.Sc. (Three Year Integrated Course) examination with any of the following subjects as a major subject i.e. with at least 7 units

- (i) Chemistry,
- (ii) Biochemistry,
- (iii) Physics,
- (iv) Mathematics,
- (v) Botany,
- (vi) Zoology,
- (vii) Microbiology,
- (viii) Any other branch of Biology.
- (ix) Life Sciences.

(2) COMPUTER SCIENCE

The Candidate must have passed the B.Sc.(Old Course) degree examination with the following combination of subjects:-

MAJOR

Mathematics

OR

Physics

OR

Statistics

OR

The Bachelor of Engineering (B.E.) degree examination.

OR

The B.Sc. (Computer Science)/BCS/B.Sc.(I.T.) Degree Examination

ANCILIARY

Mathematics (4 Units)

Mathematics (4 Units)

(3) BIOCHEMISTRY

A candidate being eligible for admission to the M.Sc. degree course in Biochemistry must have passed :-

The B.Sc. (Three Year Integrated Course) degree examination of this University.

- (i) with at least seven units in Biochemistry (i.e. the minimum required for majoring in a subject)

OR

- (ii) with 3 units in Biochemistry at T.Y.B.Sc. on combination with 3 units of any other major subject at T.Y.B.Sc.

OR

- (iii) with minimum 4 units in Chemistry, 3 units of Biochemistry and 7 units in any of the Biological Sciences.

OR

- (iv) with Chemistry as a main/major/principal subject at the B.Sc. degree examination of this University or equivalent degree of other University.

OR

- (v) with Biochemistry as a main/major/principal subject at the B.Sc. degree examination in case of University other than the University of Mumbai.

(4) BIOPHYSICS

A candidate who have either passed/appeared for B.Sc. degree examination of University of Mumbai or any other University recognised as equivalent thereto with the following combination of subjects :-

Physics + Chemistry, Chemistry + Biology, Life Science + Biochemistry, Microbiology and Biotechnology. A candidate must have secured minimum 55% marks at the B.Sc. degree examination.

(5) FISHERIES MANAGEMENT

The candidate must have passed the B.Sc. (Three Year Integrated Degree Course) examination of the University of Mumbai with at least 7 units (this is the minimum required for major in a subject) with the combinations as stated below :-

7 units in Zoology or Life Sciences or Botany or Microbiology plus two units in Chemistry.

(6) LIFE SCIENCES

- (i) the Bachelor's degree in the Faculty of Science in the subjects of Life Sciences, Botany, Zoology, Microbiology and Biochemistry and *Applied or Allied Biological Sciences* of this University or equivalent degree of recognised Universities.

OR

- (ii) the Bachelor's degree in the Faculty of Medicine of this University or of recognised Universities.

OR

- (iii) the Bachelor's degree in Faculty of Technology/Faculty of Science of this University or of recognised Universities with the background of courses in Life Sciences.

OR

- (iv) the Bachelor's degree in Agriculture of Veterinary Sciences of recognised Universities.

(7) INFORMATION TECHNOLOGY

All the admissions will be on merit (i.e. percentage of aggregate marks secured for the qualifying examination). Reservation criteria shall be followed as prescribed by Government at the time of admission.

The candidate must have passed B.Sc. degree in Information Technology of Mumbai University or any recognised Universities with minimum 45 percent of marks.

OR

B.Sc. in Computer Science/BCS with minimum 45 percent marks.

OR

B.E. degree in any branch with 45 percent marks.

(8) APPLIED AND INDUSTRIAL CHEMISTRY

All the admissions will be on merit (i.e. percentage of aggregate marks secured for the qualifying examination). Reservation criteria shall be followed as prescribed by Government at the time of admission.

The candidate must have passed B.Sc. degree in Chemistry of Mumbai University or any recognized University with minimum 50 percent of marks.

OR

The B.Sc. (Three Year Integrated Course) degree examination of this University with at least eleven units (i.e. the minimum required for majoring in a subject) in that subject which he/she wants to offer for the M.Sc. degree course.

Students should also have Maths as one subjects at 12th Std. H.S.C. Examination.

(9) BIOTECHNOLOGY

A candidate being eligible for admission to the M.Sc. degree course in Biotechnology must have passed.

- (a) the B.Sc. (Three Year Integrated Course) degree examination of this University (or any other University recognized as equivalent thereto) with at least Seven Units in Biotechnology (i.e. the minimum required for majoring in the subject).

OR

- (b) with Three Units in Biotechnology at the T.Y.B.Sc. in Combination with Three Units of any other major subject at the T.Y.B.Sc.

The students will be admitted to the M.Sc. degree course in Biotechnology on the basis of the marks obtained at the T.Y.B.Sc. examination.

Further, that the amended **Ordinance 2441** relating to the eligibility criteria prescribed for admission to the M.Sc. degree course (By Papers) in various subjects will be brought into force with effect from the academic year 2006-2007.

MUMBAI-400 032

7th June, 2006

for REGISTRAR

To,

The Directors/Heads recognized Institutions concerned and the Principals of the affiliated colleges in the faculty of Science

AC/4.1/27.02.2006

MC/3/02.05.2006



7th June, 2006.

No.UG/ 180 -A of 2006, MUMBAI-400 032

Copy forwarded with compliments for information to :-

- 1) The Dean, Faculty of Science.
- 2) The Chairman, Board of Studies in various subjects in Science

for REGISTRAR

Copy to :-

The Director, Board of College and University Development, , the Deputy Registrar (Eligibility and Migration Section), the Director of Students Welfare, the Personal Assistants to the Vice-Chancellor, the Pro-Vice Chancellor, the Registrar and the Assistant Registrar, Administrative sub-center, Ratnagiri for information .

The Officer on Special Duty-cum- Controllor of Examinations (10 copies), the Finance and Accounts Officer (2 copies), Record Section (5 copies), Publications Section (5 copies), the Deputy Registrar, Enrolment, Eligibility and Migration Section (3 copies), the Deputy Registrar, Statistical Unit (2 copies), the Deputy Registrar (Accounts Section), Vidyanagari (2 copies), the Deputy Registrar, Affiliation Section (2 copies), the Director, Institute of Distance Education,(10 copies) the Director University Computer Center (IDE Building), Vidyanagari, (2 copies) the Deputy Registrar (Special Cell), the Deputy Registrar,(PRO) . **the Assistant Registrar, Academic Authorities Unit (2 copies) and the Assistant Registrar, Executive Authorities Unit (2 copies) . They are requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to in the above Circular and that no separate Action Taken Report will be sent in this connection.** the Assistant Registrar, Constituent Colleges Unit (2 copies), BUCT(1 copy), the Deputy Account, Unit V(1 copy), the In-charge Director, Centralize Computing Facility (1 copy), the Receptionist (1 copy), the Telephone Operator (1 copy), the Secretary MUASA (1 copy), the Superintendent, Post Graduate Section (2 copies), the Superintendent, Thesis Section (2 copies)

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