

CIRCULAR :-

Attention of the Directors/Heads, recognized Institutions concerned and Principals of the affiliated Colleges in faculty of sciences is hereby invited to the Ordinances, Regulations and syllabi relating to the Master of Science (M.Sc.) (Parts I & II) degree course vide pamphlet No.175 and to this office circular No. UG/180 of 2006 dated 7th June 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 matters relating to the courses of study and examination in the subject of Life Sciences at its meeting held on 23rd June, 2006 has been accepted by the Academic Council at its meeting held on 18th August 2006 vide item NO 4.2 and Subsequently approved by the Management Council at its meeting held on 15th September, 2006 vide item No.13 and that in accordance therewith Ordinance 2441 relating to the eligibility criteria prescribed for admission to the M.Sc. degree course (By Papers) in various subjects is amended by incorporating the eligibility criteria prescribed for admission to the M.Sc. degree in Life Sciences under Serial No.6 and that the Ordinance thus amended is 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 the M.Sc. degree course.
- OR**
- (B) the B.Sc. (old four year course) degree examination of this University.
- OR**
- (C) An examination of 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

OR

Statistics

OR

Mathematics

Mathematics

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 recognized 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 candidates 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

ANCILLIARY

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.

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 Bio-chemistry (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 Bio-Chemistry 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

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

Physics + Chemistry, Chemistry + Biology, Life Sciences + 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, Chemistry (with Biological Science at F.Y. and S.Y.), Biotechnology or applied or Allied Biological Sciences of this University or equivalent degree or recognized Universities.
- OR
- (ii) the Bachelor's degree in the faculty of Medicine of this University or of recognized Universities.
- OR
- (iii) the Bachelor's degree in the faculty of Technology or Science of this University or of recognized Universities with the background of

OR

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

The candidates will be entitled for admission to the M.Sc. degree course in Life Sciences only after passing the written test and viva/interview to be conducted by the University Department of Life Sciences. The programme for the written test and the interview will be as per the notification to be issued by the University Department of Life Sciences.

Further that 50% of the seats allotted for the M.Sc. degree in Life Sciences be reserved for students passing the B.Sc. degree of this University with Life Sciences as their single major subject.

(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 the Government at the time of admission.

The candidate must have passed the B.Sc. degree in Information Technology of the University of Mumbai or any recognized 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 the Government at the time of admission.

The candidate must have passed the B.Sc. degree in Chemistry of the University of Mumbai or any recognized University with minimum 50% 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 of the 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 courses (By Papers) in various subjects has been brought into force with effect from the academic year 2006-2007.

MUMBAI-400 032

25th September, 2006

C. Spallat
for REGISTRAR.

To,

The Director/Heads, recognized Institutions Concerned and the Principals of the affiliated colleges in faculty of Science

AC/4.2/18.08.06

MC/13/15.09.06

No.UG/ 380-A of 2006, MUMBAI-400032 25th September, 2006

Copy forwarded with compliments for information to:-

- 1) The Dean, faculty of Science

C. Spallat
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, Ratnagiri for information. The Offg Controller of examinations (10 copies), the Finance and Accounts officer (2 copies), Record Section (5 copies), Publications Section (5 copies), the Deputy Registrar, Enrollment, Eligibility and Migration Section (3 copies), the Deputy Registrar, Statistical, 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)