



S. P. Mandali's
Ramnarain Ruia Autonomous College Mumbai
Notice for Admission for M.Sc/ M.A. Part I: Semester I
ACADEMIC YEAR 2024-25

Candidates seeking admission for Masters Programme (2024-25) at Ramnarain Ruia Autonomous College are hereby notified that:

A. Admission to the following programs will be on the basis of an Entrance test

- a. M.Sc in Bioanalytical Sciences
- b. M.Sc Biochemistry
- c. M.Sc Life Sciences
- d. M.A Clinical Psychology

B. Admission to the following programs will be on the basis of Semester V marks.

- a. M.Sc Biotechnology
- b. M.Sc Botany
- c. M.Sc Chemistry
- d. M.Sc Computer Science
- e. M.Sc Information Technology
- f. M.Sc Microbiology
- g. M.Sc Physics
- h. M.Sc Zoology

C. The eligibility for Masters programs and Entrance exam syllabi are as follows:

Subject	Basic Eligibility	Admission Eligibility	Syllabus for the entrance test	Total Marks
Bioanalytical Sciences	B.Sc. in Chemistry with minimum 62 credits OR B.Sc. in Botany/Zoology/Microbiology/Life science/Biotechnology /Biochemistry with minimum 30 credits in Chemistry	Entrance Test	General awareness to modern scientific development, Analytical Chemistry, Physical Chemistry, Inorganic Chemistry Organic Chemistry, General Biochemistry, Principles of Genetics, Basic Chemistry of nucleic acids and proteins Basic Principles of Instrumentation, Basic Microbiology, Basic Physics Basic Mathematics, Basic Botany, Basic Zoology, Advances in Biotechnology	100
Biochemistry	Student should have Chemistry as a subject till the S.Y.B.Sc class, along with any of the Biological sciences subject AND Student should be a Graduate in the subject of Chemistry / Biochemistry / Any of the Biological sciences	Entrance Test	Basics of Chemistry Structure and chemistry of biomolecules Cell biology Instrumentation Metabolism Enzymology Genetics and Molecular biology Immunology Physiology Nutrition Biostatistics	50
Biotechnology	B.Sc. Biotechnology students with minimum 30 credits in chemistry.	Semester V Marks	-	-
Botany	B.Sc. (Botany) minimum 46 credits in Botany. In case of double major or triple major, decision of equivalence committee and if needed Bridge course for selected students	Semester V Marks	-	-
Chemistry (Organic/ Inorganic/	B.Sc. in Chemistry with minimum 62 credits . In case of double major	Semester V Marks	-	-

Physical/ Analytical)	or triple major, decision of equivalence committee and if needed Bridge course for selected students .			
Computer Science	B.Sc. (CS/IT) minimum 120 credits in CS/IT	Semester V Marks	-	-
Information technology	B.Sc. (CS/IT) minimum 120 credits in CS/IT	Semester V Marks	-	-
Life Science	BSc Biological Sciences [Life Sciences (6 units as well as 3 units), Biotechnology, Zoology, Botany, Microbiology, Environmental Sciences, Bioanalytical sciences and Biochemistry.] with minimum of 46 credits in the respective subject. For double major or triple major decision will be taken by College Academic equivalence committee.	Entrance Test	BSc Life Science syllabi- Neuroscience, Plant & Animal Developmental Biology & Physiology, Biostatistics Immunology, Bioinformatics Biochemistry in Life Processes, Evolutionary Biology, Ecosystem Conservation & Management, Genetics & Genetic Engineering, Fermentation Technology.	50
Microbiology	B.Sc. (Microbiology) with minimum 46 credits in Microbiology. For double major or triple major decision will be taken by College Academic equivalence committee	Semester V Marks	-	-
Physics	B.Sc. with Physics major subject and minimum 62 credits in Physics	Semester V Marks	-	-

Zoology	B.Sc. in Zoology (major)with minimum 46 credits. For double major or triple major decision will be taken by College Academic equivalence committee.	Semester V Marks	-	-
Clinical Psychology	B.A/ B.Sc. Psychology with minimum 40 credits	Entrance Test	<p>(A) Basic features of DSM-5</p> <p>(B) Theoretical Perspectives in Abnormal Psychology:</p> <ul style="list-style-type: none"> - Biological - Psychodynamic - Behavioral - Cognitive - Sociocultural - Biopsychosocial <p>(C) Psychological Disorders (Symptoms, Types, Factors, Interventions)</p> <ul style="list-style-type: none"> - Anxiety disorders - Obsessive Compulsive disorder - Dissociative and Somatic Symptom disorder - Depressive and Bipolar disorder - Schizophrenia and Other Psychotic disorders - Personality disorders - Paraphilic disorders - Sexual dysfunctions and Gender dysphoria <p>(D) Nature of Psychological tests</p> <ul style="list-style-type: none"> - Norms - Reliability - Validity 	50

Please Note: In case of any deviation in the eligibility, the College Equivalence Committee has the authority to verify and endorse the eligibility of the candidate.

D. Schedule of the Entrance Tests:

Subject	Date	Time
Bioanalytical Sciences	15 th May 2024	11.00 am-1.00 pm
Clinical Psychology	15 th May 2024	11.00 am-12.00 pm
Life Science	16 th May 2024	9.00 am-10.00 am
Biochemistry	16 th May 2024	12.00 pm- 1.00 pm

E. Information for application:

1. The application form for the M.A/M.Sc. Semester I admission at Ramnarain Ruia Autonomous College is available on <https://enrollonline.co.in/Registration/Apply/rracm> **Filling the admission form is mandatory for all students.**
2. Student may apply for more than one subject if he/she fulfils the eligibility criteria. However, candidates are supposed to fill **separate forms** for the respective subject. For instance, If the candidate wants to apply for Biotechnology and Bioanalytical Sciences, separate forms should be filled for each subject.
3. The admission form link will open on **2nd May 2024 at 10.00 am and close on 12th May 2024, 2.00 pm.**
4. Checklist of the documents for form filling: (*Keep clear, legible Scanned copies ready in PDF/JPEG Format.* Candidates are requested to verify the name of the documents to avoid the confusion at last minute.)
 1. Semester I to V mark sheets
 2. Caste certificate, if applicable
 3. Adhaar Card
 4. Gap Certificate, if applicable
5. The schedule for merit lists and admission will be put up on the college website.
6. The seating arrangement for the entrance test (wherever applicable) will be displayed on college notice board on the day of entrance test. Candidates are hence requested to report 45 minutes prior to the entrance examination.
7. Candidates are supposed to carry the hard copy of admission form and original Aadhaar card as identity proof for the entrance test.

Sd/-

Principal