

SECTION – 4

SCIENCE COURSES

FACULTY OF SCIENCE

Course wise Details of Eligibility for Application, Courses of Study, Eligibility Criteria and No. of Seats.

Courses bearing following Sl. No. 1 to 27 are offered directly in University Departments and Courses bearing Sl. No. 28 to 78 are offered by the different UG colleges affiliated of this University.

Sl. No.	Courses	Abbreviation	Group No.	Code No.	No. of Seats	Minimum Eligibility
	M.Sc. / M.A.					
1	Physics	PHCU	201		70+5+7	At least 55% marks in B.Sc. (Hons.) in Physics or its equiv.
2	Chemistry	CHCU	204		70+5+7	At least 55% marks in B.Sc. (Hons.) in Chemistry with Mathematics as one of the General Subject or its equiv.
3	Applied Mathematics	AMCU	206		44+3+4	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equiv.
4	Pure Mathematics	PMCU	206		70+5+7	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equiv.
5	Psychology	PSCU	205		42+3+4	At least 55% marks in B.A./ B. Sc. (Hons.) in Psychology or its equiv.
6	Applied Psychology	APCU	205		42+3+4	At least 55% marks in B.A./B.Sc. (Hons.) in Psychology or its equiv.
7	Human Physiology	HPCU	207		39+3+4	At least 55% marks in B.Sc. (Hons.) in Physiology or its equiv.
8	Zoology	ZOCU	212		70+5+7	At least 55% marks in B.Sc. (Hons.) in Zoology or its equiv.
9	Botany	BTCU	210		50+4+5	At least 55% marks in B.Sc. (Hons.) in Botany or its equiv.
10	Anthropology	ANTHCU	220		28+2+3	At least 55% marks in B.Sc. (Hons.) in Anthropology or its equiv.
11	Geography	GGCU	215		120+8+12	At least 55% marks in B.Sc. / B.A. (Hons.) in Geography or its equiv.
12	Statistics	STATCU	213		35+2+4	At least 55% marks in B.Sc. (Hons.) in Statistics / B. Stat. or its equiv.
13	Microbiology	MICU	211		15+1+2	At least 55% marks in B.Sc. (Hons.) in Microbiology or its equiv.
14	Computer Science	CSCU	203		30+2+3	At least 55% marks in B.Sc. (Hons.) in Computer Science or its equiv.
15	Electronic Science	ESCU	202, 201		25+2+2	At least 55% marks in B.Sc. (Hons.) in Electronics / Physics or its equiv.

16	<p>Applied Geology: AGCU Group No. 214 Code: SEAT: 28+2+3 Dept.: Geology</p> <p>Eligibility: At least 55% marks in B.Sc. Hons in Geology.</p>
17	<p>Bio-Chemistry: *BIOCCU Group No. 230 Code: SEAT: 60+4+6 Dept.: Biochemistry</p> <p>Eligibility: At least 55% marks in B.Sc. (Hons.) in Chemistry / Bio-Chemistry/ Physics / Zoology/Botany/ Physiology / Microbiology / Anthropology / Food & Nutrition / Environmental Science / any Life Sc. or its equiv. All the candidates should have Chemistry as one of the General subjects (except the candidates with (Hons.) in Chemistry / Bio-Chemistry) at the under Graduate level. Part A: 60% of total seat is earmarked for C.U. current year Bio-Chemistry Hons candidates. Part B : 40% of total seat is earmarked for all eligible Hons. candidates of both Non CU and CU of current year & preceding year.</p>
18	<p>Marine Science: *MRSCCU Group No. 230 Code: SEAT : 17+1+2</p> <p>Eligibility: At least 55% marks in B.Sc. (Hons.) in Chemistry/Biochemistry and Hons. in Zoology / Botany / Geology / Physiology / Microbiology / Anthropology / Life Science / Environmental Science / Physics or its equiv. Candidates must have Physics, Chemistry, Biology, Mathematics/Statistics/Computer Sc. at (10+2) level.</p>
19	<p>Bio-Physics & Molecular Biology : *BMBCU Group No. 230 Code: SEAT:20+1+2</p> <p>Eligibility: B.Sc. (Hons.) in Physics / Chemistry / Zoology / Botany / Physiology / Biochemistry / Microbiology / Life Sciences / Anthropology / Environmental Science / MBBS / B.Tech in Bio-Technology / B. Pharm or equivalent. All the candidates must have At least 55% marks in B.Sc. (Hons.) and at least 60% marks in each in Biology, Physics, Chemistry, and Mathematics / Statistics at (10+2) level.</p>
20	<p>Bio-Technology: *BIOTCU Group No. 230 Code: SEAT: 14+1+1</p> <p>Eligibility: At least 55% marks in B.Sc. (Hons.) in Chemistry / Biochemistry/ Physics / Zoology/Botany/ Physiology / Microbiology / Anthropology / Bio-Technology / Food & Nutrition / Environmental Science / any Life Sc. or its equiv. All the candidates should have Chemistry as one of the General subjects (except the candidates with (Hons.) in Chemistry / Bio-Chemistry) at the under Graduate level or its equiv. Bachelor in Agricultural Science, B.Tech in Biotechnology, M.B.B.S.</p>
21	<p>Genetics: *GENTCU Group NO. 230 Code: SEAT: 10+1+1</p> <p>Eligibility: B.Sc. (Hons.) in Anthropology, Agriculture, Botany, Zoology, Chemistry, Food & Nutrition, Bio-Chemistry, Microbiology, / Genetics / Environmental Science / Physics or Physiology or its equiv. All the candidates should have Chemistry as one of the General subjects (except the candidates with Hons in Chemistry / Bio Chemistry/Genetics) at the under Graduate level. The candidates with M.B.B.S./B.Sc. (Ag) / BDS are also eligible. All the candidates should have at least 55% marks in B.Sc. (Hons.)</p>
22	<p>Neuro Science : *NRSCCU Group No. 230 Code Seat : 13+1+1</p> <p>Eligibility: B.Sc. (Hons.) in any Life Science Subjects/Bio-Chemistry/ Bio-Technology/ Food & Nutrition/ Microbiology / Zoology/ Physiology/Anthropology/Environmental Science/Informatics. All the above candidates should have Chemistry as one of the General Subjects except the candidates with Hons. in Biochemistry. M.B.B.S, Graduates from Pharmacy / Pharmacology are also eligible. All the candidates should have at least 55% marks in B.Sc. (Hons.).</p>

23	<p>Environmental Science: *EVCU Group No. 230 Code: SEAT: 20+2(EWS)</p> <p>Eligibility: At least 55% marks in B.Sc. (Hons.) / B.Tech. in any of the subject, including Botany, Biochemistry, Biotechnology, Fishery, Forestry, Geology, Chemistry, Environmental Science, Food & Nutrition, Genetics, Life Science, Microbiology, Physiology, Zoology, Physics, Wildlife and/or Conservation Biology and Anthropology.</p> <p>Candidates must have Chemistry as a subject at the (10+2) level.</p> <p>PART A: i) 50% of PART-A seat is earmarked for C.U. Environmental Science Hons current year candidates. ii) The remaining 50% PART-A seat is earmarked for C.U. all eligible Hons current year candidates</p> <p>PART B: 40% of total seat is earmarked for all eligible Hons. candidates of both Non CU and CU of current year & preceding year.</p>
24	<p>Atmospheric Science: ATSCCU Group No. 219 Code: SEAT: 15+1+2</p> <p>Eligibility: At least 55% marks in B.Sc. (Hons.) in Physics, Mathematics, Chemistry, Statistics, Environmental Science, Geology, Geography (Science) and Meteorology. The applicants are required to have Physics or Mathematics as Genl. subjects (if not as Honours) at the undergraduate level.</p>
25	<p>Exercise Physiology *SSEPCU Group No. 230 Code: SEAT: 16+2 (EWS)</p> <p>Eligibility: At least 55% marks in B.Sc. Hons in any branches of Life Sciences. All the candidates must have Physiology / Human Physiology as one of the General / G.E. subject except the candidate with Honrs. in Physiology / Human Physiology. All candidates should have Science subjects in Higher Secondary level.</p>
26	<p>Sports Biochemistry *SSSBCU Group No. 230 Code: SEAT: 16+2 (EWS)</p> <p>Eligibility: At least 55% marks in B.Sc. Hons in any branches of Life Sciences. All the candidates must have Physiology / Human Physiology as one of the General / G.E. subject except the candidate with Honrs. in Physiology/ Human Physiology /Bio-Chemistry. All candidates should have Science subjects in Higher Secondary level.</p>
27	<p>Sports Nutrition *SSSNCU Group No. 230 Code: SEAT: 16+2 (EWS)</p> <p>Eligibility: At least 55% marks in B.Sc. Hons in any branches of Life Sciences. All the candidates must have Physiology/ Human Physiology as one of the General / G.E. subject except the candidate with Honrs. in Physiology/ Human Physiology /Food & Nutrition / Nutrition. All candidates should have Science subjects in Higher Secondary level.</p>

N.B. 1: + Seat(s) incurred as additional supernumerary OBC and EWS respectively which cannot be converted into any other category but conversion for PART-A to PART-B & vice versa.

N.B. 2: Reservation of OBC Category may be modified in future before admission as per legal advice accepted by the C.U.

*** Common Entrance Test Group No. - 230**

Courses bearing Sl.No.28 to 78 are offered by the different UG colleges affiliated to this University.

Sl. No.	Courses	Abbreviation	Group No.	Code No.	No. of Seats	Minimum Eligibility
	M.Sc./M.A.					
28	Applied Geology in Asutosh College	AGAS	214		25+3	At least 55% marks in B.Sc. (Hons.) in Geology or its equivalent
29	Applied Psychology in Bethune College	APBT	205		10+1	At least 55% marks in B.Sc. (Hons.) in Psychology or its equivalent. For Female Candidates.
30	Applied Psychology in Women's College, Kolkata	APWM	205		22+2	At least 55% marks in B.Sc. (Hons.) in Psychology or its equivalent. For Female Candidates.
31	Botany in Asutosh College	BTAS	210		25+3	At least 55% marks in B.Sc. (Hons.) in Botany or its equivalent.
32	Botany in Bethune College	BTBT	210		21+2	At least 55% marks in B.Sc. (Hons.) in Botany or its equivalent. For Female Candidates.
33	Botany in Jogamaya devi College	BTJD	210		22+2	At least 55% marks in B.Sc. (Hons.) in Botany or its equivalent. For Female Candidates.
34	Botany in Lady Brabourne College	BTLB	210		15+2	At least 55% marks in B.Sc. (Hons.) in Botany or its equivalent. For Female Candidates.
35	Botany in Serampore College	BTSR	210		20+2	At least 55% marks in B.Sc. (Hons.) in Botany or its equivalent
36	Chemistry in Asutosh College	CHAS	204		25+3	At least 55% marks in B.Sc. (Hons.) in Botany or its equivalent.
37	Chemistry in Behala College	CHBL	204		25+3	At least 55% marks in B.Sc. (Hons.) in Chemistry or its equivalent.
38	Chemistry in Lady Brabourne College	CHLB	204		20+2	At least 55% marks in B.Sc. (Hons.) in Chemistry or its equivalent. For Female Candidates.
39	Computer Science in Asutosh College	CSAS	203		25+3	At least 55% marks in B.Sc. (Hons.) in Computer Sc. or its equivalent
40	Computer Science in Sarsuna College	CSSS	203		30+3	At least 55% marks in B.Sc. (Hons.) in Computer Sc. or its equivalent
41	Computer Science in Surendranath College	CSSN	203		20+2	At least 55% marks in B.Sc. (Hons.) in Computer Sc. or its equivalent
42	Electronic Science in Dinabandhu Andrews College	ESDA	202		24+2	At least 55% marks in B.Sc. (Hons.) in Electronics / Physics or its equivalent
43	Environmental Science in Asutosh College	EVAS	230		30+3	At least 55% marks in B.Sc. (Hons.) / B.Tech. in any of the subject, including Botany, Biochemistry, Biotechnology, Fishery, Forestry, Geology, Chemistry, Environmental Science, Food & Nutrition, Genetics, Life Science, Microbiology, Physiology, Zoology, Physics, Wildlife and/or Conservation Biology and Anthropology. Candidates must have Chemistry as a subject at the (10+2) level. PART A: i) 50% of PART-A seat is earmarked for C.U. Environmental Science Hons current year candidates. ii) The remaining 50% PART-A seat is earmarked for C.U. all eligible Hons current year candidates PART B: 40% of total seat is earmarked for all eligible Hons. candidates of both Non CU and CU of current year & preceding year.
44	Food & Nutrition in Womens' College, Kolkata	FNWM	225		30+3	At least 55% marks in B.Sc. (Hons.) in Food & Nutrition or its equivalent. For Female Candidates.
45	Geography in Asutosh College	GGAS	215		31+3	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent
46	Geography in Bijoy Krishna Girls' College, Howrah	GGBG	215		30+3	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent. For Female Candidates.
47	Geography in Lady Braborne College	GGLB	215		27+3	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent. For Female Candidates.
48	Geography in Prabhu Jagatbandhu College, Andul	GGPJ	215		22+2	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent
49	Geography in Sarsuna College	GGSS	215		20+2	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent
50	Geography in Vidyasagar College	GGVS	215		55+6	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent
51	Geography in Vivekananda College for Women	GGVW	215		32+3	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent

Sl. No.	Courses	Abbreviation	Group No.	Code No.	No. of Seats	Minimum Eligibility
52	Geography in Women's College, Kolkata	GGWM	215		25+3	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent. For Female Candidates.
53	Geography in Dr. Kanailal Bhattacharyya College	GGKB	215		20+2	At least 55% marks in B.Sc. (Hons.) in Geography or its equivalent.
54	Human Physiology in Rammohan College	HPRM	207		25+3	At least 55% marks in B.Sc. (Hons.) in Physiology or its equivalent
55	Human Physiology in Serampore College	HPSR	207		20+2	At least 55% marks in B.Sc. (Hons.) in Physiology or its equivalent
56	Microbiology in Vijaygarh Jyotish Ray College	MIVJ	211		37+4	At least 55% marks in B.Sc. (Hons.) in Microbiology
57	Microbiology in Lady Braborn College	MILB	211		25+3	At least 55% marks in B.Sc. (Hons.) in Microbiology. For Female Candidates.
58	Applied Mathematics in Narasinha Dutta College	AMND	206		24+2	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent
59	Pure Mathematics in Bangabasi Evening College	PMBE	206		26+3	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent.
60	Pure Mathematics in Behala College	PMBL	206		27+3	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent
61	Pure Mathematics in Bethune College	PMBT	206		16+2	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent. For Female Candidates.
62	Pure Mathematics in Fakir Chand College	PMFC	206		38+4	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent
63	Pure Mathematics in Lady Braborn College	PMLB	206		30+3	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent. For Female Candidates.
64	Pure Mathematics in Prabhu Jagatbandhu College	PMPJ	206		27+3	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent
65	Pure Mathematics in Uluberia College	PMUL	206		27+3	At least 55% marks in B.Sc. (Hons.) in Mathematics or its equivalent
66	Physics in Lady Braborn College	PHLB	201		15+2	At least 55% marks in B.Sc. (Hons.) in Physics or its equivalent. For Female Candidates.
67	Physics in Gurudas College	PHGD	201		20+2	At least 55% marks in B.Sc. (Hons.) in Physics or its equivalent.
68	Physics in Vivekananda College, Thakurpukur	PHVK	201		25+3	At least 55% marks in B.Sc. (Hons.) in Physics or its equivalent.
69	Zoology in Asutosh College	ZOAS	212		30+3	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent
70	Zoology in Bangabasi College	ZOBB	212		27+3	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent
71	Zoology in Bethune College	ZOBT	212		21+2	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent. For Female Candidates.
72	Zoology in Dinabandhu Andrews College	ZODA	212		55+6	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent
73	Zoology in Gurudas College	ZOGD	212		20+2	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent.
74	Zoology in Lady Brabourne College	ZOLB	212		15+2	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent. For Female Candidates.
75	Zoology in Maulana Azad College	ZOMA	212		26+3	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent
76	Zoology in Serampore College	ZOSR	212		25+3	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent
77	Zoology in Vidyasagar College	ZOVS	212		55+6	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent
78	Zoology in Vivekananda College, Thakurpukur	ZOVK	212		20+2	At least 55% marks in B.Sc. (Hons.) in Zoology or its equivalent.

N.B. 1: + Seat(s) incurred as 10% supernumerary additional seats for EWS category for P.G. courses in UG Colleges which cannot be converted into any other category but conversion from PART-A to PART-B & vice versa are allowed.

N. B. 2: The number of seats and the breakup of seats of PG courses in UG Colleges are tentative and might differ after verification.

N.B. 3: Reservation of OBC Category may be modified in future before admission as per legal advice accepted by the C.U.