

## SECTION – 3

### SCIENCE COURSES

#### FACULTY OF SCIENCE

#### 2 Year PG Course

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

Sl. No.	Courses	Abbreviation	Group No.	No. of Seats (2 Yr. PG)	Minimum Eligibility
<u>M.Sc. / M.A.</u>					
1	Physics	PHCU	201	56+6+4+6	At least 55% marks in **Graduate in Physics or its equiv.
2	Electronic Science	ESCU	202, 201	13+1+1+1	At least 55% marks in **Graduate in Electronics / Physics or its equiv.
3	Computer Science	CSCU	203	25+2+2+2	At least 55% marks in **Graduate in Computer Science or its equiv.
4	Chemistry	CHCU	204	56+6+4+6	At least 55% marks in **Graduate in Chemistry with Mathematics as one of the General Subject or its equiv.
5	Psychology	PSCU	205	34+3+2+3	At least 55% marks in **Graduate in Psychology or its equiv.
6	Applied Psychology	APCU	205	34+3+2+3	At least 55% marks in **Graduate in Psychology or its equiv.
7	Applied Mathematics	AMCU	206	35+3+2+3	At least 55% marks in **Graduate in Mathematics or its equiv.
8	Pure Mathematics	PMCU	206	56+6+4+6	At least 55% marks in **Graduate in Mathematics or its equiv.
9	Human Physiology	HPCU	207	31+3+2+3	At least 55% marks in **Graduate in Physiology or its equiv.
10	Botany	BTCU	210	40+4+3+4	At least 55% marks in **Graduate in Botany or its equiv.
11	Microbiology	MICU	211	12+2+1+2	At least 55% marks in **Graduate in Microbiology or its equiv.
12	Zoology	ZOCU	212	56+6+4+6	At least 55% marks in **Graduate in Zoology or its equiv.
13	Statistics	STATCU	213	28+3+2+3	At least 55% marks in **Graduate in Statistics / B. Stat. or its equiv.
14	Applied Geology	AGCU	214	23+2+2+2	At least 55% marks in **Graduate in Geology.
15	Geography	GGCU	215	97+10+6+10	At least 55% marks in **Graduate in Geography or its equiv.
16	Bio-Chemistry	BIOCCU	216	48+5+3+5	At least 55% marks in **Graduate in Bio-Chemistry
17	Atmospheric Science	ATSCCU	219	15+2+1+2	At least 55% marks in **Graduate in Physics, Mathematics, Chemistry, Statistics, Environmental Science, Geology, Geography (Science) and Meteorology. The applicants are required to have Physics or Mathematics as General / G.E. / Minor subjects (if not as **Graduate) at the undergraduate level.
18	Anthropology	ANTHCU	220	23+2+2+2	At least 55% marks in **Graduate in Anthropology or its equiv.

19	Marine Science	*MRSCCU	230	17+2+1+2	<p>At least 55% marks in <b>**Graduate</b> Mathematics/ Statistics/Chemistry/Physics/Electronics/ Computer Science/GIS-Remote Sensing / Biochemistry / Biotechnology/Zoology/Botany/Geology/Physiology / Microbiology/Anthropology/Life Science/Fishery / Geography (Science.)/Environmental Science / or its equiv.</p> <p>Candidates must have Physics, Chemistry, Biology, Mathematics /Statistics/Computer Sc. at (10+2) level.</p>
20	Bio-Physics & Molecular Biology	*BMBCU	230	20+2+1+2	<p><b>At least 55% marks in **Graduate</b> in Physics / Chemistry /Zoology/Botany/Physiology/Biochemistry/Microbiology/Life Sciences/Anthropology/ Environmental Science.</p> <p>The candidates with MBBS / B.Tech in Bio-Technology / B. Pharm or equivalent.</p> <p>All the candidates must have at least 60% marks in each in Biology, Physics, Chemistry, and Mathematics / Statistics at (10+2) level.</p>
21	Bio-Technology	*BIOTCU	230	14+1+1+1	<p><b>At least 55% marks in **Graduate</b> in Bio-Technology/Chemistry/Biochemistry/Zoology/Botany/Physiology/Microbiology/Anthropology/ Food &amp; Nutrition/Environmental Science/ Mathematics/ Physics and Agriculture/subjects include all Life Sciences subjects (As per UGC and/or AICTE Guidelines). All candidates should have Chemistry as one of the General subjects (except those with (Hons/Major) in Chemistry/Biochemistry) at the undergraduate level or its equivalent.</p> <p>All the candidates must have at least 60% marks in each in Physics, Chemistry, and Mathematics/ Statistics/Computer Science at (10+2) level.</p> <p>Bachelor in Agricultural Science, B.Tech in Biotechnology, B.Pharm or M.B.B.S degree.</p>
22	Genetics	*GENTCU	230	10+1+1+1	<p><b>At least 55% marks in **Graduate</b> in Anthropology, Agriculture, Botany, Zoology, Chemistry, Food &amp; Nutrition, Bio-Chemistry, Microbiology, / Genetics / Environmental Science / Physics or Physiology or its equiv. All the candidates should have Chemistry as one of the General / G.E. / Minor subjects (except the candidates with <b>**Graduate</b> in Chemistry / Bio Chemistry/Genetics) at the under Graduate level.</p> <p>The candidates with M.B.B.S. /B.Sc. (Ag) / BDS are also eligible.</p>
23	Neuroscience	*NRSCCU	230	13+1+1+1	<p><b>At least 55% marks in **Graduate</b> in any Life Science Subjects/Bio-Chemistry/ Bio-Technology/ Food &amp; Nutrition/ Microbiology / Zoology/ Physiology/Anthropology/Environmental Science/Informatics. All the above candidates should have Chemistry as one of the General / G.E./ Minor Subjects except the candidates with Hons. in Biochemistry. The candidates with M.B.B.S, Graduates from Pharmacy / Pharmacology are also eligible.</p>

24	<b>Environmental Science</b>	<b>*EVCU</b>	230	13+2+2+2	At least 55% marks in <b>**Graduate</b> in Environmental Science or any of the subject, including Agriculture, Anthropology, Botany, Biochemistry, Biotechnology, Chemistry, Fishery, Food & Nutrition, Forestry, Genetics, Geology, Geography (B.Sc.), Life Science, Microbiology, Physiology, Zoology, Wildlife and/or Conservation Biology.
25	<b>Exercise Physiology</b>	<b>*SSEPCU</b>	230	16+2 (EWS)	At least 55% marks in <b>**Graduate</b> in any branches of Life Sciences. All the candidates must have Physiology / Human Physiology as one of the General / G.E. / Minor subject except the candidate with <b>**Graduate</b> in Physiology / Human Physiology. All candidates should have Science subjects in Higher Secondary level.
26	<b>Sports Biochemistry</b>	<b>*SSBCU</b>	230	16+2 (EWS)	At least 55% marks in <b>**Graduate</b> in any branches of Life Sciences. All the candidates must have Physiology / Human Physiology as one of the General / G.E. / Minor subject except the candidate with <b>**Graduate</b> in Physiology/ Human Physiology /Bio-Chemistry. All candidates should have Science subjects in Higher Secondary level.
27	<b>Sports Nutrition</b>	<b>*SSNCU</b>	230	16+2 (EWS)	At least 55% marks in <b>**Graduate</b> in any branches of Life Sciences. All the candidates must have Physiology/ Human Physiology as one of the General / G.E./ Minor subject except the candidate with <b>**Graduate</b> in Physiology/ Human Physiology /Food & Nutrition / Nutrition. All candidates should have Science subjects in Higher Secondary level.

**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**

**\*\*Graduate means:**

- 4 Yr. B.A./ B.Sc. up to 6<sup>th</sup> Semester (5<sup>th</sup> semester appeared) or
- 3 Yr. B.A. / B.Sc. Hons. or
- 3 Yr. B.A. / B.Sc. with Single major subject.

**Note: Graduate in 3 Yr. B.A. / B.Sc. General or 3 Yr. B.A. / B.Sc. MDC (Multidisciplinary course) not equivalent and not eligible.**