

## SECTION – 3

### SCIENCE COURSES

#### FACULTY OF SCIENCE

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

Courses	Abbreviation	Code No.	No. of Seats	Minimum Eligibility
<b>M.Sc. / M.A.</b>				
<b>A) Physics</b>	PH	221	70+4	At least 55% marks in B.Sc. Hons. in Physics or its equiv.
<b>B) Chemistry</b>	CH	222	70+4	At least 55% marks in B.Sc. Hons. in Chemistry with Mathematics as one of the General Subject or its equiv.
<b>C) Applied Mathematics</b>	AM	223	44+3	At least 55% marks in B.Sc. Hons. in Mathematics or its equiv.
<b>D) Pure Mathematics</b>	PM	224	70+4	At least 55% marks in B.Sc. Hons. in Mathematics or its equiv.
<b>E) Psychology</b>	PS	225	42+3	At least 55% marks in B.A./ B. Sc. Hons. in Psychology or its equiv.
<b>F) Applied Psychology</b>	APS	226	42+3	At least 55% marks in B.A./B.Sc. Hons. in Psychology or its equiv.
<b>G) Human Physiology</b>	HPL	227	39+2	At least 55% marks in B.Sc. Hons. in Physiology or its equiv.
<b>H) Zoology</b>	ZOO	228	70+4	At least 55% marks in B.Sc. Hons. in Zoology or its equiv.
<b>I) Botany</b>	BOT	229	50+3	At least 55% marks in B.Sc. Hons. in Botany or its equiv.
<b>J) Anthropology</b>	AN	230	28+2	At least 55% marks in B.Sc. Hons. in Anthropology or its equiv.
<b>K) Geography</b>	GG	231	120+7	At least 55% marks in B.Sc. / B.A. Hons. in Geography or its equiv.
<b>L) Statistics</b>	ST	232	35+2	At least 55% marks in B.Sc. Hons. in Statistics / B. Stat. or its equiv. All the candidates, both C.U. and Non-C.U. (Both Part A & Part B) have to appear in the Entrance Test.
<b>M) Microbiology</b>	MI	233	15+1	At least 55% marks in B.Sc. Hons. in Microbiology or its equiv.

<b>N) Computer &amp; Information Science</b>	CIS	234	30+2	At least 55% marks in B.Sc. Hons. in Computer Science or its equiv. All the candidates, both C.U. and Non-C.U. (Both Part A & Part B) have to appear in the Entrance Test.
<b>O) Electronic Science</b>	ES	235	25+2	At least 55% marks in B.Sc. Hons. in Electronics / Physics or its equiv.
<b>P) Applied Geology: AGL Code: 236 SEAT: 28+2 Dept.: Geology</b>				
<b>Eligibility:</b> i) At least 55% marks in B.Sc. Hons in Geology.				
<b>Q) Bio-Chemistry: * BC Code: 237 SEAT: 60+4 Dept.: Biochemistry</b>				
<b>Eligibility:</b> At least 55% marks in B.Sc. Hons. in Chemistry / Biochemistry/ Physics / Zoology/Botany/ Physiology / Microbiology / Anthropology / 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. All the candidates should have 60% marks in aggregate in Physics, Chemistry, and Mathematics at 10+2 level. Part A : 60% of total seat is earmarked for C.U. BC Hons current year candidates. Part B : 40% of total seat is open to all for both C.U. & Non C.U. current year & previous year BC Hons & other eligible Hons. candidates.				
<b>R) Marine Science: * MS Code: 238 SEAT : 24+1</b>				
<b>Eligibility:</b> At least 55% marks in B.Sc. Hons. in Chemistry/Biochemistry and Hons. in Zoology / Botany / Geology / Physiology / Microbiology / Anthropology / Environmental Science / Physics or its equiv. All the candidates should have Chemistry as one of the General subjects (except the candidates Hons in Chemistry / Bio Chemistry) at the under Graduate level and at least 60% marks on average in best three subjects in Science Group at (10+2) level.				
<b>S) Bio-Physics Molecular Biology : * BMB Code: 239 SEAT:20+2</b>				
<b>Eligibility:</b> B.Sc. Hons. in Physics / Chemistry / Zoology / Botany / Physiology / Biochemistry / Microbiology / Life Sciences / Anthropology / Environmental Science / MBBS / B.Tech in Biotechnology / 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. All the candidates, both C.U. and Non-C.U. (Both Part A & Part B) have to appear in the common Entrance Test.				
<b>T) Bio-Technology: * BT Code: 241 SEAT: 10+1</b>				
<b>Eligibility:</b> B.Sc.Hons. in any Life Science subjects/Physics with Chemistry as one of the General Subject at UG Level; / B.Sc.Hons. in Chemistry/Biochemistry /Anthropology/ Environmental Science/or its equiv./ Bachelor in Agricultural Science, B.Tech in Biotechnology, M.B.B.S. All the candidates should have at least 55% marks in B.Sc. (Hons) and at least 55% in each subject of Physics, Chemistry, Biology, Mathematics/ Statistics at (10+2) level. All the eligible candidates both CU and NON CU (Both Part A & Part B) have to sit for an <b>Entrance Test</b> .				
<b>U) Genetics: * GN Code: 242 SEAT: 10+1</b>				
<b>Eligibility:</b> B.Sc. Hons. in Anthropology, Botany, Zoology, Chemistry, Biochemistry, Microbiology, / 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) are also eligible. All the candidates should have at least 55% marks in B.Sc. (Hons.) and at least 60% marks in average in best three subjects in Science Group at (10+2) level.				

**V) Neuro Science : \* NS Code 243 Seat : 10+1**

**Eligibility:**

B.Sc. Hons. in any Life Science Subjects/Chemistry/Biochemistry/Anthropology/Environmental Science  
All the above candidates should have Chemistry as one of the General Subjects except the candidates with Hons. in Chemistry/Biochemistry. M.B.B.S are also eligible. All the candidates should have At least 55% marks in B.Sc. (Hons.) and at least 60% marks on average in best three subjects in Science Group at (10+2) level.

**W) Environmental Science: \* ENV Code: 244 SEAT: 15+1**

**Eligibility:**

At least 55% marks in B.Sc. Hons. in a Science subject including Anthropology with Chemistry as one of the General subject except candidates with Hons in Chemistry and Biochemistry).

At least 60% marks in average in best three subjects in Science Group at (10+2) level.

Part A : 60% of the total seat is earmarked for C.U. Env. Sc.(Hons ) current your candidate

Part B : 40% of the total seat is open to all both C.U. & Non C.U., Current Year & Previous Year, Env. Sc. (Hons) and other eligible Hons.

**Y) Atmospheric Science: AS Code: 245 SEAT: 15+1**

**Eligibility:**

At least 55% marks in B.Sc Hons. in Physics, Mathematics, Chemistry, Statistics, Environmental Science and Meteorology or its equiv. The applicants are required to have Physics and Mathematics as Genl. subjects (if not as Honours) at the undergraduate level and at least 60% marks in average with Physics, Chemistry and Mathematics at (10+2) level.

N.B. : + Seat(s) incurred for OBC candidates

\* A Common Entrance Test will be conducted for the 7 (seven) courses as stated below :

i) Gr-8 Biophysics & Molecular Biology (BMB), ii) Gr-9 Genetics (GN), iii) Gr-16 Biochemistry (BC), iv) Gr-17 Biotechnology (BT), v) Gr-18 Environmental Science (ENV), vi) Gr-22 Marine Science (MS) and vii) Gr-24 Neuro Science (NS)

Common Entrance Test of MCQ type covering the fields of Physics, Chemistry, Mathematics, and Biology of (10+2) level and Chemistry of Graduation (General) Level.