

5 Disciplines and Major Fields of Specialisation

5.1 The main subjects of study and the major areas of activity / specialisation within each main subject in which instruction is offered at the Post Graduate School, leading to the M.Sc., M.Tech. (Agricultural Engineering only) and Ph.D. degrees, are as follows:

- (i) AGRICULTURAL CHEMICALS: Agricultural Chemicals.
- (ii) AGRICULTURAL ECONOMICS: Agricultural Marketing and Trade; Agricultural Finance and Project Analysis; Agricultural Development and Policy; Farm Management and Resource Economics; and Agri-business Management.
- (iii) AGRICULTURAL ENGINEERING: Agricultural Processing and Structures; Farm Power and Equipment; and Soil and Water Conservation Engineering.
- (iv) AGRICULTURAL EXTENSION: Agricultural Communication; Agricultural Extension; and Agricultural Management.
- (v) AGRICULTURAL PHYSICS: Agricultural Physics.
- (vi) AGRICULTURAL STATISTICS: Agricultural Statistics.
- (vii) AGRONOMY: Crop Husbandry; and Resource Management.
- (viii) BIOCHEMISTRY: Biochemistry; and Nutrition.
- (ix) BIOINFORMATICS: Bioinformatics (for M.Sc. only).
- (x) COMPUTER APPLICATION: Computer Application (for M.Sc. only).
- (xi) ENTOMOLOGY: Insect Biosystematics; Insect Physiology; Insect-Pest Management; and Insect Toxicology.
- (xii) ENVIRONMENTAL SCIENCES: Environmental Sciences.
- (xiii) GENETICS: Genetics; and Plant Breeding.
- (xiv) HORTICULTURE: Floriculture and Landscape Architecture (FLA); Fruit Science (FSC); and Vegetable Science (VSC).
- (xv) MICROBIOLOGY: Environmental and Evolutionary Microbiology; Plant Microbe Interactions; and Industrial Microbiology.
- (xvi) MOLECULAR BIOLOGY AND BIOTECHNOLOGY: Molecular Biology and Biotechnology.
- (xvii) NEMATOLOGY: Nematology.
- (xviii) PLANT GENETIC RESOURCES: Plant Genetic Resources.
- (xix) PLANT PATHOLOGY: Fungal Pathology; Mycology; Plant Bacteriology; and Plant Virology.
- (xx) PLANT PHYSIOLOGY: Plant Physiology.
- (xxi) POST HARVEST TECHNOLOGY: Post Harvest Technology of Horticultural Crops; and Post Harvest Engineering and Technology.
- (xxii) SEED SCIENCE AND TECHNOLOGY: Seed Science and Technology.
- (xxiii) SOIL SCIENCE AND AGRICULTURAL CHEMISTRY: Soil Science; and Agricultural Chemistry.
- (xxiv) WATER SCIENCE AND TECHNOLOGY: Water Science and Technology.

5.2 The main subjects and the major fields of specialisation within each main subject in which admissions are to be made in a particular year are subject to review by the Academic Council on the basis of availability of facilities in each discipline in terms of faculty members, laboratory, land, etc., and the same will be announced in the 'Information Bulletin' for admission to Post Graduate School.