

Approved

Discipline Specific Requirements for Bachelor of Science in Agriculture (Hons.)/B.S. Agriculture

Standard 1: Governance

Criterion 1-5: The HEI/POE has a documented class size policy and maintains class size that is appropriate for effective management of the teaching-learning-assessment to ensure better attainment of learning outcomes.

Class size (number of students in a class) for theoretical class is maximum: 40

Class size (number of students in a class) for practical class is maximum : 20

Standard 4: Curriculum

Criterion 4-7: In case of Bachelor degree program curriculum includes minimum 25% of total credits for general education courses with clearly defined course learning outcomes and mapped with PLOs and learning outcome domains of BNQF. In case of Master's degree program curriculum includes minimum 10% of total credits for general education courses with clearly defined course learning outcomes and mapped with PLOs and learning outcome domains of BNQF.

List of general education courses:

(POE will select appropriate courses considering the PLOs)

1) Bangladesh Studies	9) History of Emergence of Bangladesh
2) Communicative English	10) Ethics and Professionalism
3) ICT/CSE	11) Political Economics
4) Sociology	12) Public Policy
5) Anthropology	13) Other languages (except Bangla and English)
6) Entrepreneurship	14) Disaster Management
7) Food Processing and Preservation	15) Smart Agriculture
8) Agriculture Renaissance and Bangladesh	16) Psychology
	17) Bengali Culture and Literature

Criterion 4-9: Provisions of internship/project/dissertation/field work/work integrated learning opportunities are included in the curriculum.

Internship/Project work/Research/Field work is the essential part of curriculum

Duration of internship/ Project work/Research work is minimum three (03 month).

Standard 6: Student Admission & Support Services

Criterion 6-1: The HEI/POE maintains a clearly defined and well-communicated admission policy with transfer and withdrawal provisions, entry requirements that reflect the level of qualifications required to match with the nature of the discipline and mission of the POE. Admission policy is effective to select students who have potentials and are able to afford the academic load to complete the program successfully.

Requisite qualification for admission in the Bachelor of Science in Agriculture (Hons.)/ B.S. Agriculture degree (Undergraduate) program:

HSC/Equivalent education (12 Years Schooling) with Biology, Mathematics, Physics and Chemistry

- a) Admission test based on H.S.C/Equivalent curricula
- b) Discipline Oriented Aptitude Test

Criterion 6-7: POE ensures and facilitates the participation of students in co-curricular activities and community services under the management of the HEI on a regular basis to promote creativity, social responsiveness, leadership qualities, values, molding personality towards holistic development.

List of Co-curricular activities to support attainment of defined graduate attributes:

(PoE will select appropriate Co-curricular activity(ies) considering Graduate Attributes)

1) Rotary club	16) Badminton Club Swimming club
2) Red crescent society	17) Cycling club
3) Rover scout	18) Athletic club
4) Skill development society/club	19) English club
5) Debating club	20) Public speaking club
6) Blood donation club	21) Green voice
7) Cultural club (Drama, music, variety show etc.)	22) Green campus
8) Photography society	23) Environment saving club
9) Agro-rovers	24) Career club
10) Model United Nations Associations	25) Winter cloth/Food distribution to the poor
11) Bondhu Sobha	26) ICT club
12) Surhid	27) Different voluntary student clubs for achieving GA
13) Shuvo Shongho	28) Different Socio-cultural and voluntary organizations
14) Football Club	
15) Cricket Club	

Standard 7: Faculty and Professional Staff

Criterion 7-8: The POE maintains ideal combination of faculty with 10% Professor, 20% Associate Professor, 40% Assistant Professor and 30% Lecturer with reasonable teacher student's ratio, depending on the nature of discipline, as necessary for effective teaching learning in the academic program/ discipline.

Teacher-Student Ration (Maximum) 1:12

Standard 8: Facilities and Resources

Criterion 8-4: Laboratory facilities, instructional technology & software, IT learning facilities that are identified through curriculum mapping as necessary to attain the defined learning outcomes of program and course(s) and to conduct research are in good condition with appropriate safety measures, appropriate, adequate and accessible when

needed by the students and faculty members under a policy that ensures timely repair/replacement, supply and continuous improvement.

List of Essential Laboratories

1) Agriculture Extension Lab	10) Farm Mechanics Lab
2) Agroforestry Field /Lab	11) Genetics and Plant breeding
3) Agronomy Field	12) Horticulture Lab
4) Agronomy Lab	13) ICT Lab
5) Animal Husbandry Lab	14) Plant Pathology Lab
6) Biochemistry and Molecular Biology Lab	15) Plant Physiology & Ecology Lab
7) Biotechnology Lab	16) Soil Science Lab
8) Chemistry Lab	17) Statistics Lab
9) Entomology Lab	18) Tissue Culture & Plant Anatomy Lab