



## Criteria Referenced Evaluation Assessment Team Report in Rubric Form BSc (Hons) Agriculture program University College of Agriculture

### Scoring of Criterion Items

Maximum score for each item is 5 and the minimum is 1. The total of the encircled values (TV) for each criterion is determined and normalized in percentages. Each criterion has a weight allocated to it. Scores pertaining to a particular criterion is the product of TV and its weightage.

Results	Score
Poor performance in most of the areas.	1
Fair performance in most of the areas.	2
Good performance for most areas. No poor performance in any areas.	3
Good to excellent performance in all areas.	4
Excellent performance in all areas.	5

Criterion 1 – Program Mission, Objectives and Outcomes	Weight=0.05
Factors	Score
1. Does the program have documented measurable objectives that support faculty / college and institution mission statement?	1 2 3 4 ⑤
2. Does the program have documented outcomes for graduating students?	1 2 3 4 ⑤
3. Do these outcomes support the program objectives?	1 2 3 ④ 5

4. Are the graduating students capable of performing these outcomes?	1 2 3 (4) 5
5. Does the department assess its overall performance periodically using quantifiable measurable?	1 2 3 (4) 5
6. Is the result of the Program Assessment documented?	1 2 3 4 (5)
<b>SCORE (S1)= [TV / (No. of Question * 5)] * 100 * Weight</b> <b>= [27 / (6 * 5)] * 100 * 0.05</b> <b>= 4.50</b>	
<b>Criterion 2 – Curriculum Design and Organization</b>	<b>Weight=0.20</b>
<b>Factors</b>	<b>Score</b>
1. Is the curriculum consistent?	1 2 3 (4) 5
2. Does the curriculum support the program's documented objectives?	1 2 3 4 (5)
3. Are theoretical background, problem analysis and solution design stressed within the program's core material?	1 2 3 (4) 5
4. Does the curriculum satisfy the core requirements laid down by the respective accreditation bodies? (refer to appendix A of the SAM)	1 2 3 4 (5)
5. Does the curriculum satisfy the major requirements laid down by HEC and the respective councils / accreditation bodies? (refer to appendix A of the SAM)	1 2 3 4 (5)
6. Does the curriculum satisfy the general education, arts and professional and other discipline requirements as laid down by the respective councils / accreditation bodies? (refer to appendix A of the SAM)	1 2 3 (4) 5
7. Is the information technology component integrated throughout the program?	1 2 3 (4) 5
8. Are oral and written skills of the students developed and applied in the Program?	1 2 3 4 (5)
<b>SCORE (S2)= [TV / (No. of Question * 5)] * 100 * Weight</b> <b>= [36 / (8 * 5)] * 100 * 0.20</b> <b>= 18.00</b>	
<b>Criterion 3 – Laboratories and Computing Facilities</b>	<b>Weight=0.10</b>
<b>Factors</b>	<b>Score</b>
1. Are laboratories manuals / documentation /instruction etc. for experiments available and readily accessible to faculty and students?	1 2 3 (4) 5
2. Are there adequate number of support personnel for instruction and maintaining the laboratories?	1 2 3 4 (5)
3. Are the university's infrastructure and facilities adequate to support the program's objective?	1 2 3 (4) 5

<p><b>SCORE (S3)= [TV / (No. of Question * 5)] * 100 * Weight</b></p> <p><b>= [13 / (3 * 5)] * 100 * 0.10</b></p> <p><b>= 8.67</b></p>	
<b>Criterion 4 – Student Support and Advising</b>	<b>Weight=0.10</b>
<b>Factors</b>	<b>Score</b>
1. Are the courses being offered in sufficient frequency and number for the students to complete the program in a timely manner?	1 2 3 4 (5)
2. Are the courses in the major area structured to optimized interaction between the students, faculty and teaching assistants?	1 2 3 4 (5)
3. Does the university provide academic advising on course decisions and career choices to all students?	1 (2) 3 4 5
<p><b>SCORE (S4)= [TV / (No. of Question * 5)] * 100 * Weight</b></p> <p><b>= [12 / (3 * 5)] * 100 * 0.10</b></p> <p><b>= 8.00</b></p>	
<b>Criterion 5 – Process Control</b>	<b>Weight=0.15</b>
<b>Factors</b>	<b>Score</b>
1. Is the process to enroll students to a program based on quantitative and qualitative criteria?	1 2 3 4 (5)
2. Is the process above clearly documented and periodically evaluated to ensure that it is meeting its objectives?	1 2 3 (4) 5
3. Is the process to register students in the program and monitoring their progress documented?	1 2 3 (4) 5
4. Is the process above periodically evaluated to ensure that it is meeting its objectives?	1 2 3 (4) 5
5. Is the process to recruit and retain faculty in place and documented?	1 2 3 4 (5)
6. Are the processes for faculty evaluation and promotion consistent with the institution mission?	1 2 3 (4) 5
7. Are the processes in 5 and 6 above periodically evaluated to ensure that they are meeting their objectives?	1 2 3 (4) 5
8. Do the processes and procedures ensure that teaching and delivery of course material emphasize active learning and that course learning outcomes are met?	1 2 3 (4) 5
9. Is the process in 8 above periodically evaluated to ensure that it is meeting its objectives?	1 2 3 (4) 5
10. Is the process to ensure that graduates have completed the requirements of the program based on standards and documented procedures?	1 2 3 (4) 5
11. Is the process in 10 above periodically evaluated to ensure that it is meeting its objectives?	1 2 3 (4) 5

<p><b>SCORE (S5)= [TV / (No. of Question * 5)] * 100 * Weight</b>  <b>= [46/ (11 * 5)] * 100 * 0.15</b>  <b>= 12.54</b></p>	
<b>Criterion 6 – Faculty</b>	<b>Weight=0.20</b>
<b>Factors</b>	<b>Score</b>
1. Are there full time faculty members to provide adequate coverage of the program areas / courses with continuity and stability?	1 2 3 4 ⑤
2. Are the qualifications and interests of the faculty members sufficient to teach all courses, plan, modify and update courses and curricula?	1 2 3 ④ 5
3. Do the faculty members possess a level of competence that would be obtained through graduate work in the discipline?	1 2 3 ④ 5
4. Do the majority of faculty members hold a Ph. D degree in their discipline?	1 2 3 ④ 5
5. Do faculty members dedicate sufficient time to research to remain current in their disciplines?	1 2 3 ④ 5
6. Are there mechanisms in place for faculty development?	1 2 3 ④ 5
7. Are faculty members motivated and satisfied so as to excel in their profession?	1 2 3 ④ 5
<p><b>SCORE (S6)= [TV / (No. of Question * 5)] * 100 * Weight</b>  <b>= [29/ (7 * 5)] * 100 * 0.20</b>  <b>= 16.57</b></p>	
<b>Criterion 7 – Institutional Facilities</b>	<b>Weight=0.10</b>
<b>Factors</b>	<b>Score</b>
1. Does the institution have the infrastructure to support new trends such as e-learning?	1 2 3 ④ 5
2. Does the library contain technical collection relevant to the program and it adequately staffed?	1 2 3 ④ 5
3. Are the class rooms and offices adequately equipped and capable of helping faculty carry out their responsibilities?	1 2 3 ④ 5
<p><b>SCORE (S7)= [TV / (No. of Question * 5)] * 100 * Weight</b>  <b>= [12/ (3 * 5)] * 100 * 0.10</b>  <b>= 8.00</b></p>	
<b>Criterion 8 – Institutional Support</b>	<b>Weight=0.10</b>
<b>Factors</b>	<b>Score</b>
1. Is their sufficient support and finances to attract and retain high	1 2 3 ④ 5

quality faculty?	
2. Are there an adequate number of high quality graduate students, teaching assistants and Ph.D. students?	1 2 ③ 4 5
<b>SCORE (S8)= [TV / (No. of Question * 5)] * 100 * Weight</b> <b>= [7/ (2 * 5)] * 100 * 0.10</b> <b>= 7.00</b>	

$$\begin{aligned}
 \text{Overall Assessment Score} &= S1 + S2 + S3 + S4 + S5 + S6 + S7 + S8 \\
 &= 4.5 + 18 + 8.67 + 8 + 12.54 + 16.57 + 8 + 7 \\
 &= 83.28
 \end{aligned}$$

**Remarks:**

The Self Assessment Report for BSc (Hons) Agriculture is excellent because it covers all the standards under each criterion of Self Assessment Manual provided by Higher Education Commission (HEC).