

SLO 5a:ACS Standardized Exam Rubric: **Ph.D.** assessment of undergraduate content proficiency.

| Component | Does Not Meet Expectations | Meets Expectations | Exceeds Expectations |
|-----------------------------------|--|--|---|
| ACS Subject Exams | Less than 60 th percentile composite norm score was achieved in the required two subject areas (at least one of which is in the primary research area). | A 60 th to 79 th percentile composite norm score was achieved in the required two subject areas (at least one of which is in the primary research area). | At least 80 th percentile composite norm score was achieved in the required two subject areas (at least one of which is in the primary research area). |
| ACS General Chemistry Exam | Less than 60 th percentile composite norm score was achieved in general chemistry area. | A 60 th to 79 th percentile composite norm score was achieved in general chemistry area. | At least 80 th percentile composite norm score was achieved in general chemistry area. |