

S&T GLOs
December 14, 2020. Effective Fall Semester 2021.

The University Assessment Committee (UAC) drafted new graduate learning outcomes (GLOs) during the 2020 calendar year. During the spring of 2020, the UAC reviewed and revised the GLOs. Then, the GLOs were articulated for each level of education (i.e., doctoral, master's with thesis, master's non-thesis, and certificate). When the GLO had a corresponding SLO, then a comparison was made to ensure that the graduate outcomes levels were all above the undergraduate levels and differentiated. These proposed GLOs were distributed to all faculty and key staff involved in graduate education via Qualtrics between 11/12/2020 until 11/22/2020. The UAC received comments from 14 individuals that were deliberated and the GLOs were revised where appropriate. The finalized list of GLOs is:

Knowledge

- Doctoral
 - *Students will demonstrate mastery of the contemporary state of knowledge within their discipline through original and substantial contributions.*
- Master's (with thesis and non-thesis)
 - *Students will demonstrate a proficient understanding of the contemporary state of knowledge within their discipline through usage.*
- Certificate
 - *Students will demonstrate a working understanding of the contemporary state of knowledge within the scope of their certificate.*

Communication

- Doctoral
 - *Students will demonstrate mastery in communication (oral and written) in the standards of published work in their discipline.*
- Master's (with thesis and non-thesis)
 - *Students will demonstrate proficiency in communication (oral and written) in the standards of professional work in their discipline.*
- Certificate
 - *Students will demonstrate effective communication strategies that apply discipline-specific expertise.*

Integrity and Ethics (The same for all levels: doctoral, master's with thesis and non-thesis, and certificate)

- *Students will demonstrate the highest standards of professional behavior, integrity, and ethical conduct.*

Scholarship Independence

- Doctoral
 - *Students will demonstrate the ability to independently identify, explain, and develop scholarship including a clear plan for addressing open research questions in their field.*

- Master's with Thesis
 - *Students will demonstrate, with some direction, the ability to independently identify, explain, and develop scholarship including a clear plan for addressing open research questions in their field.*
- Master's Non-Thesis
 - *Students will demonstrate the ability to identify, explain, and evaluate scholarship including methodology and conclusions.*
- Certificate
 - *Students will demonstrate the ability to identify, explain, and evaluate scholarship including methodology and conclusions within the scope of their certificate.*

Critical Thinking

- Doctoral
 - *Students will demonstrate the independent, self-directed, ability to evaluate arguments, assess assumptions about information and data, and synthesize knowledge.*
- Master's (with thesis and non-thesis)
 - *Students will demonstrate, with some guidance, the ability to evaluate arguments, assess assumptions about information and data, and synthesize knowledge.*
- Certificate
 - *Students will demonstrate the ability to identify arguments, understand assumptions about information and data, and synthesize knowledge within the scope of their certificate.*