

Learning Analytics (Certificate)

The goal of the Graduate Certificate in Learning Analytics (LA) is to increase the capacity of education researchers and practitioners to understand and improve learning and the contexts in which it occurs through new data sources and analytical approaches. Students will both deepen their disciplinary knowledge of LA methodologies, applications and ethical issues and develop technical proficiency with up-to-date analytic tools, such as Tableau and R, used to apply computational analysis techniques to real-world educational datasets.

More Information

Learning Analytics Program Website (<https://ced.ncsu.edu/graduate/programs/certificate/learning-analytics/>)

Distance Website (<https://online-distance.ncsu.edu/program/learning-analytics/>)

An application for acceptance into the Graduate Certificate in Learning Analytics is required for all new students. Applicants must complete the Graduate School application (<http://www.ncsu.edu/grad/applygrad.htm>).

Requirements for admission to the certificate program include:

1. A bachelor's degree with a GPA of 3.0 or greater on a 4.0 scale, a 3.0 derived from the last 60 credits of undergraduate study, or a graduate degree from an accredited college or university;
2. A resumé that identifies educational preparation and professional employment and experiences;
3. A professional goals statement indicating how the GCLA will enhance job performance or career development, and
4. A projected timeline for completing certificate requirements.

Applicants with less than a 3.0 GPA at the undergraduate level may be admitted provisionally if professional experiences and goals are deemed high quality, with provisional admits required to earn a grade of B or better to remain enrolled.

Those applicants who are currently enrolled in an NC State graduate degree program and in good standing need only to submit the Graduate Student Certificate Plan Data Entry Form (<https://grad.ncsu.edu/wp-content/uploads/2015/12/grad-cert-plan-data-entry.pdf>) to the program coordinator.

Applicant Information

- **Delivery method:** Online
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

Prospective students can apply at any time during the year, and admitted students can enroll in any semester.

Plan Requirements

Code	Title	Hours
Required Courses		
ECI 586	Introduction to Learning Analytics	3
ECI 587	Machine Learning in Education	3
ECI 588	Text Mining in Education	3
ECI 589	Social Network Analysis in Education	3
Total Hours		12