

AG SCIENCES & NATURAL RESOURCES LAND-GRANT UNIVERSITY FACULTY PREPARATION, GCRT

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (<https://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (<https://catalog.okstate.edu/graduate-college/#70>).

Total Hours: 12

Code	Title	Hours
Required Courses		
AECL 5201	Faculty Preparation in Agricultural Sciences and Natural Resources Seminar Series (one credit hour per semester for three semesters)	3
Elective Courses		
Select one course from each of the three following areas:		9
<i>Teaching (select one of the following):</i>		
AGED 5813	College Teaching of Agriculture and Natural Resources	
AGED 5823	Advanced Methods of Teaching Agriculture	
AECL 6363	Experiential Learning Theory in Agricultural Settings	
EPSY 5983	Instructional Effectiveness in Higher Education	
HESA 6713	Effective Teaching in College and Universities	
CIED 5823	Mindfulness, Curriculum, and Teaching	
<i>Research (select one of the following):</i>		
AGCM 5143	Writing for Scholarly Publications in Agricultural Sciences and Natural Resources	
GRAD 5193	Preparing Publishable Manuscripts	
AGED 5203	Grant Seeking	
HORT 5553	Scientific Writing in Horticulture	
<i>Extension/Outreach (select one of the following):</i>		
AECL 6223	Program Evaluation in Agriculture and Extension	
AGED 5623	Volunteer Management in Agricultural and Extension Education	
AECL 5863	Methods of Technological Change	
AGLE 6203	Extension Program Development	
AGED 5123	Adult Programs in Agricultural and Extension Education	
AGIN 5723	Participatory Systems Modeling	
NREM 5313	Human Dimensions of Natural Resources	
MC 5953	Strategic Health Communications Campaigns	
Total Hours		12