

Range of Graduate Student Skill Development

Graduate Student Skill Development	Elements
Discipline Specific Knowledge	Includes coursework, comprehensive preparation, attending seminars, academic progress to degree, etc.
Research and Scholarship Skills	Develop theories or questions, conceptualize research or scholarship, critical thinking, problem-solving, research or technical skills, etc.
Dissertation Writing	Narrowing a topic, developing a proposal, establishing a timeline, use of writing groups, getting feedback, progress towards degree, etc.
Instructional Training and Teaching	Ability to plan a course, implement activities, identifying and assessing learning outcomes, demonstrating teaching methods, awareness of non-traditional and inclusive classroom environments, etc.
Publications	Identifying publishing venues, getting feedback, participating in peer-review, submitting manuscripts for publication, etc.
Responsible Conduct and Ethics	Demonstration of ethical behavior and collegiality, awareness of health, safety, and legal requirements, use of animal and human subjects, adherence to principles of authorship, etc.
Grant and Fellowship Writing	Understanding the basic components of grants or fellowship applications, determining the criteria used to assess successful grant applications, and developing realistic timelines to compile an application.
Clinical or Applied Skills	Demonstration of skills relevant to clinical practice, technical and applied skills, field work, etc.
Management & Leadership Development	Setting goals, building inclusive teams, project and personnel management, budgeting, collaborations, giving/receiving feedback, problem-solving, decision-making, delegating, conflict management, etc.
Communication Skills	Writing, oral presentations, presentation skills, public speaking, interpersonal understanding, and English language proficiency.
Career Exploration and Development	Networking, skills/interests/values assessments, identifying transferable skills and career preferences, career exploration strategies, career-specific professional development, etc.
Job Search Skills	CV/resume writing, cover letters, informational and job interviews, job talks, elevator pitch, preparing teaching portfolio, etc.