

CLAYTON STATE UNIVERSITY
Professional Qualification Statement for Degree/Concentration/Certificate

Date:	11/09/09
College/School/Department:	College of Arts and Sciences, Department of Natural Sciences
Degree/Concentration/Certificate:	Degree: AS Integrative Studies – Pre-Pharmacy Minor - Chemistry
Coordinator:	Caroline Clower, Associate Professor of Chemistry and Associate Department Chair
Coordinator Responsibilities:	Work with faculty in proposing new courses and changes to the pre-pharmacy and chemistry curricula. Coordinate proposed curriculum changes for submission to the Chair, Department of Natural Sciences.
Degrees:	PhD, Chemistry BS, Chemistry
Experience:	8 years of college and university teaching; service on curriculum committees; writing proposals for new courses; service as associate department chair
Certifications:	
Courses taught at CSU:	Biocomputing, Survey of Chemistry I, Survey of Chemistry II, Survey of Chemistry II Lab, Principles of Chemistry I, Principles of Chemistry I Lab, Organic Chemistry I, Organic Chemistry I Lab, Organic Chemistry II, Organic Chemistry II Lab, Biochemistry, Biochemistry II, Medicinal Chemistry

Narrative Statement of Qualifications (to be completed by chair or dean):

1. What evidence exists that the coordinator has the qualifications and credentials for leadership in the development and review of the curriculum?

The coordinator has a PhD in chemistry with 8 years of experience teaching, advising and course development at the college or university level. She has served on curriculum committees, and has been responsible for coordinating curriculum change proposals as a faculty member and associate department chair.

2. What evidence exists that the coordinator provides oversight for assessing the quality of the curriculum for the program and for ensuring that the curriculum and its delivery are educationally sound?

The curriculum for the Pre-Pharmacy program has been in place since semester conversion in 1998. Curriculum changes include changes to prerequisites in the mathematics and chemistry courses and the addition of optional courses recommended by pharmacy schools in Georgia. Many of the students in this program opt to complete a bachelor's degree in biology (pre-pharmacy emphasis) at Clayton State University. The curriculum for the chemistry minor has been in place since 2005. Curriculum changes include the addition of elective courses. The great majority of the students seeking a minor in chemistry are majoring in biology (Bachelor's of Science) at Clayton State University. The coordinator reviews student evaluations of science instructors and courses in these programs (obtained from student exit interviews) each year.