

Doctor of Education in P-20 & Community Leadership/ STEM Specialization

The specialization in STEM Leadership is designed for individuals with a Master's degree in a STEM field and have leadership experience in a P-20 setting. There are nine (9) predetermined specialization courses and nine (9) hours are selected from approved STEM electives in areas including Applied Engineering and Technology Management, Biology, Chemical Manufacturing Management, Chemistry, Physics, Geosciences, Mathematics, Telecommunications Systems Management, and Watershed Science. These courses are taught through an interdisciplinary collaboration with the College of Science, Engineering and Technology.

Total Course Requirements..... 60 hours

Core Courses..... 42 hrs

ADM	725	Advanced Methods of Quantitative Research in Education
ADM	730	Advanced Educational Research
ADM	735	Institutional Research, Assessment & Accreditation
ADM	800	Seminar in Individual Leadership Development
ADM	810	Leadership & Ethics in a Diverse Society
ADM	820	Foundations of P-20 Education
ADM	830	Development of P-20 Learners
ADM	900	Clinical Practice I: P-20 Leadership
ADM	910	Clinical Practice II: P-20 Learner
ADM	920	Dissertation Seminar I ¹
ADM	930	Dissertation Seminar II ²
ADM	940	Dissertation Seminar III ³
COM	887	Seminar in Organizational Leadership
MGT	801	Educational Entrepreneurism

Specialization Area..... 18 hrs

STM	901	Professional Studies in STEM Education I
STM	902	Professional Studies in STEM Education II
STM	904	Emerging Trends in STEM Education

Nine (9) hours of approved STEM area electives in the student's area.

1 Students must pass Qualifying Exam before enrolling in ADM 920

2 All course requirements must be met to continue to ADM 930

3 Students must maintain enrollment in ADM 940 until successful defense