**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
- ADM 930 Dissertation Seminar II
- ADM 940 Dissertation Seminar III
- 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