GANNON UNIVERSITY

School of Education
Curriculum Matrix
Bachelor of Science Degree in Middle Level Education
Concentration: Science
(2009-2010)

Name: _____ **Date:** _____

Liberal Studies: (33 credits)

Grade: Semester:

_____ _____ (2) EDCR 104 First Year Seminar*
_____ _____ (3) SPCH 111 Fund of Speech
_____ _____ (0) LBST Senior Capstone (met in major)
_____ _____ (3) LENG 111 College Composition
_____ _____ (3) LENG 112 Critical Analysis
_____ _____ (0) LENG Literature Series (met in major)
_____ _____ (0) LFIN Fine Arts Series (met in major)
_____ _____ (3) LHST 111 History West/World
_____ _____ (3) LPHI 131 Introduction to Philosophy
_____ _____ (3) LPHI Philosophy II Series
_____ _____ (3) LPHI 237 Phil Ethical Responsibility
_____ _____ (1) Leadership Seminar
_____ _____ (3) LTHE 121 Sacred Scripture
_____ _____ (3) LTHE Theology II Series
_____ _____ (3) MATH 213 Applied Statistics
_____ _____ (0) Science Series (met in major)
_____ _____ (0) Social Science (met in major)

Professional Education Requirements: (28 credits)

Grade: Semester:

Development, Cognition, and Learning

_____ _____ (3) MLED 200 Planning for the Diff Classrm**
_____ _____ (3) MLED 202 Adolescent Development*
_____ _____ (0) SPED 245 Mtg Needs Stu Excp: PreK-8*

Subject Matter Content/Pedagogy

_____ _____ (3) EDCR 320 Con/Methods: Math, Sci, SS*
_____ _____ (3) EDCR 326 Con/Methods: Reading across the Content Areas*

Assessment

_____ _____ (3) MLED 300 Data Driven Instr: 4-8**
_____ _____ (0) SPED 243 Program Planning/Assmt*

4-8 Cognate

_____ _____ (3) MLED 201 Adolescent Literature**
_____ _____ (3) MLED 302 Concepts of Natural Science**
_____ _____ (0) SPED 101 Special Education Overview

Supporting Courses

_____ _____ (0) EDCR 101 Psychology of Learn/Teach
_____ _____ (1) EDCR 103 Foundations of Teaching
_____ _____ (3) EDCR 302 Expressive Arts
_____ _____ (3) EDCR 401 Professional Seminar in Ed
_____ _____ (0) EDCR 420 Con/Methods: ELL*

***Practicum embedded throughout the semester.**
****Three-week practicum experience.**

Science Courses (29 credits)

Grade: Semester:

_____ _____ (0) MLED 302 Concepts of Natural Science**
_____ _____ (3) BIOL 101 General Biology
_____ _____ (3) ENV 120 Intro to Environmental Science I
_____ _____ (3) ENG 101 Introduction to Engineering
_____ _____ (3) CHEM 166 Issues in Sci and Technology
_____ _____ (3) CHEM 105 Physiological Chemistry
_____ _____ (1) CHEM 108 Physiological Chemistry Lab
_____ _____ (3) BIOL 104 Human Biology
_____ _____ (3) BIOL 103 Environmental Issues
_____ _____ (3) ENV 101 Physical Geology
_____ _____ (1) ENV 101 Physical Geology Lab
_____ _____ (2) CIS 245 Multimedia Production
_____ _____ (1) CIS 246 Multimedia Production Lab

***Additional Content Courses* (18 credits)**

English/Language Arts and Reading

_____ _____ (0) LENG 111 College Composition
_____ _____ (0) LENG 112 Critical Analysis/Composition
_____ _____ (0) MLED 201 Adolescent Literature**
_____ _____ (0) SPCH 111 Fundamentals of Speech

Social Studies

_____ _____ (3) EDCR 101 Psychology of Learn/Teach
_____ _____ (3) GEOG 201 World Geography
_____ _____ (0) LHST 111 History West/World
_____ _____ (3) POLI 111 U.S. Government/Politics

***Mathematics*^**

_____ _____ (3) MATH 103 Quantitative Literacy
_____ _____ (3) MATH 105 Fundamentals of Math
_____ _____ (3) MATH 111 College Algebra
_____ _____ (0) MATH 213 Applied Statistics

^Courses may vary based on placement testing.

ELL/Special Education (12 credits)

_____ _____ (3) EDCR 420 Con/Methods: ELL*
_____ _____ (3) SPED 101 Special Education Overview
_____ _____ (3) SPED 243 Program Planning/Assmt*
_____ _____ (3) SPED 245 Meet Need Stu Excp: PreK-8*

Student Teaching Requirement: (12 credits)

Grade: Semester:

_____ _____ (12) EDFL 410 Student Teaching

Total Credits: 132

- **All education courses require a grade of C or better.**
- **LENG 111, LENG 112, Literature Series, MATH 105, and MATH 213 require a C or better.**
- **A GPA of 3.0 or greater is required of all students seeking teacher certification.**

July 27, 2009