

Name: _____

Catalog Year: _____

Student #: _____

Date: _____

General Course Work (36 hours)

US	10097	DKS: First Year Experience	1
Composition			
ENG	11011	College Writing I	3
ENG	21011	College Writing II	3
Mathematics & Critical Reasoning			
MATH	11010	Algebra for Calculus.....	3
MATH	11022	Trigonometry.....	3
MATH	12002	Analytic Geom & Calc I.....	5
MATH	10041	Elementary Prob & Stats	
OR	MATH	30011 Basic Prob & Stats.....	3

Note: MATH 12003, Calc II, is required for the physics emphasis.

Social Sciences

PSYC	11762	General Psychology	3
d	SOC	12050 Intro. to Sociology.....	3

Humanities and Fine Arts

g	PHIL	11001 Intro to Philosophy.....	3
<i>Choose ONE from Humanities & Fine Arts (See Reverse)</i>			
_____			3
<i>Choose ONE from Fine Arts (See Reverse)</i>			
_____			3

Basic Sciences & Additional

Included in major course work

Diversity requirements met? Global Domestic

Major Course Work (69-74 Hours)—Refer to Page 3 for content area course work (16-21 Hours)

A "C" or better and a 2.6 is required in major course work

Core Science Course Work (53 hours)

BSCI	10110	Biological Diversity	4	GEOG	41073	Conserv of Nat Resources (Spring)	3
BSCI	10120	Biological Foundations	4	GEOL	11040	How the Earth Works.....	3
BSCI	30140	Cell Biology.....	4	GEOL	11041	How the Earth Works Lab	1
BSCI	30156	Elements of Genetics	3	GEOL	11042	Earth and Life Through Time	3
CHEM	10060	General Chemistry I (check prereqs) ...	4	GEOL	11043	Earth and Life Through Time Lab	1
CHEM	10062	Chemistry Lab I	1	PHY*	13001	General College Physics I (MATH 11022)...	4
CHEM	10061	General Chemistry II.....	4	PHY	13021	General College Physics I Lab.....	1
CHEM	10063	Chemistry Lab II.....	1	PHY*	13002	General College Physics II.....	4
CHEM	20481	Basic Organic Chemistry (Fall)	4	PHY	13022	General College Physics II Lab.....	1
GEOG	31062	Fund. of Meteorology	3	*For Physics emphasis take PHY 23101/2, NOT 13001/2			

Professional Course Work (39 hours) "C" or better is required

Prerequisite Course work for Admission to Advanced Study:

CULT	29535	Education in a Democratic Society	3
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Other Required Education Coursework*:

ITEC	19525	Educational Technology.....	3
EPSY	29525	Educational Psychology	3
SPED	23000	Intro. to Exceptionalities	3

All Advanced Study requirements must be completed prior to admission to Advanced Study (please refer to Checklist for requirements).

***At least one of the Other Required Education courses (at left) must be taken prior to Admission to Advanced Study.**

Advanced Study Course Work:

CI	47330	Reading & Writing in ADED	3
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Please See Your Faculty Advisor For The Sequencing Of Courses

4. Student Teaching Block (SPRING SEMESTER ONLY)

e	ADED	42357	Student Teaching.....	9
	ADED	49525	Inq into Profession Practice	3

Prerequisites to Fall Block

1. w	ADED	32142	Princ of Teaching Adol (Fall Only)	3
2.	ADED	32277	Teach Sci in Sec Schools (Spring Only)...	3

3. Fall Block (Semester Prior to Student Teaching)

	ADED	42277	Topics in Sec School Science.....	3
e	ADED	42292	Field Work Practicum	3

I have reviewed the requirement sheet and professional requirements with an advisor and assume responsibility for remaining informed and completing my program.

Student Signature _____

Professional Advisor's Signature _____

All Kent Core, content, and professional (education) coursework must be completed prior to Student Teaching.

Total Hours Completed _____

Hours Needed:
General Coursework _____

Major Coursework (Core) _____

Major Coursework (Content Area) _____

Professional Coursework _____

Total for Degree _____

Important notes:

- Students must complete 39 upper division hours.
- A minimum cumulative 2.75 GPA and a 2.6 major GPA are required for admission to advanced study, student teaching and graduation.
- Qualifying scores on OAE: Assessment of Professional Knowledge - Adolescence to Young Adult (7-12) Pedagogy Assessment and Integrated Science (specialty area) Content Assessment are required for Ohio Licensure.

CONTENT AREA COURSE WORK

Select **ONE** of the following areas of emphasis: Life Science, Earth Science, Chemistry, or Physics
A "C" or better is required in all content area course work

Life Science-LFSC (17 hours)

BSCI 30360	General Ecology	4
BSCI 40163	Organic Evolution.....	3
CHEM 30284	Intro Bio Chemistry	4
GEOL 21062	Environmental Earth Science.....	3
PHY 21430	Frontiers in Astronomy	3

Earth Science-ESCI (16 hours)

CHEM 30301	Inorganic Chemistry I.....	2
GEOL 20140	Oceanography	3
GEOL 23063	Earth Materials I	4
GEOL 31070	Earth Materials II OR	
GEOL 32066	Geomorphology	4
PHY 21430	Frontiers in Astronomy	3

Chemistry-CHEM (17 hours)

CHEM 30105	Analytical Chemistry I.....	3
CHEM 30284	Intro Bio Chemistry	4
CHEM 30301	Inorganic Chemistry I.....	2
CHEM 30475	Organic Chem Lab.....	1
CHEM 40567	Basic Concepts of Physical Chem	4
PHY 21430	Frontiers in Astronomy	3

Physics-PHY (20-21 hours)

CHEM 40567	Basic Concept of Phys Chem (Fall Only).....	4
MATH 12003	Analytic Geom & Calc II.....	5
PHY 21430	Frontiers in Astronomy.....	3
PHY 30020	Intermediate Physics Lab.....	2
PHY 36001	Introductory Modern Physics	3
PHY 32511	Electronics (4) OR	
PHY 36002	Applications of Modern Physics (3).....	3-4

Please be aware that some science courses are offered only one time per year. It is the student's responsibility to consult with each of the science departments for the sequencing of courses.

Important Contacts

School of Teaching, Learning, and Curriculum Studies: 330-672-2580

Department of Biological Sciences: 330-672-3613

Department of Chemistry and Biochemistry: 330-672-2032

Department of Geography: 330-672-2045

Department of Geology: 330-672-2680

Department of Physics: 330-672-2246

Department of Mathematical Sciences: 330-672-2430