

Name: _____

Catalog Year: _____

S.S.#: _____

Date: _____

Please note: This requirement sheet will become void unless 12 hours of credit at Kent State University have been earned in a two-year period.
Preserve this sheet. It is your only assured official statement of degree requirements.

General Course Work (41 hours)

Composition	US 10001	University Orientation.....	1
	ENG 11011	College Writing I	3
	ENG 21011	College Writing II	3
Mathematics & Critical Reasoning			
	MATH 11010	Algebra for Calculus	3
	MATH 11022	Trigonometry.....	2
	MATH 12002	Analytic Geom & Calc I.....	5
	MATH 10041	Elementary Prob & Stats	3
	OR MATH 30011	Basic Prob & Stats.....	3

Social Sciences			
	PSYC 11762	General Psychology.....	3
	SOC 12050	Intro. to Sociology.....	3

Humanities and Fine Arts			
	COMM 26000	Crit. of Public Discourse.....	3
	PHIL 11001	Intro to Philosophy.....	3
	<i>Choose ONE from LER Fine Arts (See Reverse)</i>		
			3

Additional			
	COMM 15000	Intro. to Human Comm.	3
	SOC 22778	Social Problems.....	3

Basic Sciences
(Included in major course work)

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

Diversity requirements met? Global Domestic

Liberal Education Requirements are included in the general course work and should be completed within the first 60 hours of study.

Major Course Work (75-79 Hours)—Refer to Page 3 for content area course work (30-34 Hours)

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

Core Science Course Work (45 hours)

CHEM 10060	General Chemistry I	4	GEOL 11040	Earth Dynamics	3
CHEM 10062	Chemistry Lab I.....	1	GEOL 11041	Earth Dynamics Lab.....	1
CHEM 10061	General Chemistry II.....	4	GEOL 11042	Earth History	3
CHEM 10063	Chemistry Lab II.....	1	GEOL 11043	Earth History Lab	1
PHY 11030	7 Ideas That Shook Universe	3	GEOG 31062	Meteorology	3
PHY* 13001	General College Physics I.....	5	BSCI 10120	Bio Foundations.....	4
PHY* 13002	General College Physics II.....	5	BSCI 10110	Bio Diversity.....	4
			BSCI 30156	Elements of Genetics.....	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:

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

ITEC 19525	Educational Technology (B or better required).....	3	EDPF 29525	Educational Psychology (B or better required).....	3
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May be taken prior to Advanced Study:

EDPF 29535	Education in a Democratic Society	3
SPED 23000	Intro. to Exceptionalities	3

Advanced Study Course Work:

C&I 47330	Reading & Writing in ADED.....	3
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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
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 _____

Program Counselor's Signature _____

Please See Your Faculty Advisor For The Sequencing Of Courses

4. Student Teaching Block (SPRING SEMESTER ONLY)

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

***Must apply for student teaching 1 ½ years prior to student teaching.**

All LER, 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	_____

LIBERAL EDUCATION REQUIREMENTS
Areas and Courses

I. COMPOSITION 6 hours

ENG 11011 College Writing I **OR** 11002 (pre-req. 11001), (3 ea)
21011 College Writing II (3)

II. MATHEMATICS AND CRITICAL REASONING 3 hours

MATH 11008 (3) Exploration in Modern Math
11009 (4) Modeling Algebra
11010 (3) Algebra for Calculus
11011 (4) College Algebra
11012 (3) Intuitive Calculus
12001 (4) Algebra & Trigonometry
12002 (5) Analytic Geometry & Calculus I
12011[2] (3ea) Calculus with Precalculus I, II
14001 (4) Basic Math Concepts I
14002 (4) Basic Math Concepts II
PHIL 21002 (3) Introduction to Formal Logic

III. HUMANITIES AND FINE ARTS 9 hours

At least one course must be selected from the "Humanities in Arts and Sciences" section and at least one course must be selected from the "Fine Arts" section.

HUMANITIES IN ARTS AND SCIENCES – Must Choose ONE

CLAS 21404 g (3) The Greek Achievement
21405 g (3) The Roman Achievement
ENG 21054 (3) Introduction to Shakespeare
22073 (3) Major Modern Writers: British and U. S.
22071[2] (3ea) Great Books I, II
HIST 11050[1] g (3ea) History of Civilization I, II
12070 d (3) History of U.S.: The Formative Period
12071 d (3) History of U.S.: The Modern Period
PAS 23001 g (3) Black Experience —Beginnings to 1865
23002 d (3) Black Experience —1865 to Present
PHIL 11001 g (3) Introduction to Philosophy
21001 g (3) Introduction to Ethics
21020[1] g (3ea) Comp. Religious Thought I, II

HUMANITIES IN COMMUNICATION & INFORMATION

COMM 26000 d (3) Criticism of Public Discourse

FINE ARTS– Must Choose ONE

ARCH 10001 (3) Understanding Architecture
10011[12] (3ea) Survey of Arch. History I, II
ARTH 12001 (3) Art Survey
22006 (3) Art History I: Ancient & Medieval Art
22007 (3) Art History II: Renaissance to Modern
22020 g (3) Art of Africa, Oceania, & the Americas
DAN 27076 g (3) Dance as an Art form
MUS 22111 (3) Understanding of Music
22121 g (3) Music as a World Phenomenon
THEA 11000 g (3) The Art of Theatre

IV. SOCIAL SCIENCES 6 hours

Courses must be selected from **two different** curricular areas.

ANTH 18210 g (3) Intro to Cultural Anthropology
18420 g (3) Intro to Archaeology
CACM 11001 d (3) Intro to Conflict Mgmt
ECON 22060 (3) Principles of Microeconomics
22061 (3) Principles of Macroeconomics
GEOG 10160 (3) Intro. To Geography
17063 g (3) World Geography
17064 d (3) Geography of U.S. and Canada
GERO 14029 d (3) Introduction to Gerontology
JMC 20001 d (3) Media, Power and Culture
JUS 26704 d (3) Law & Society
POL 10004 g (3) Comparative Politics
10100 d (3) American Politics
10301 d (3) Diversity in American Public Policy
10500 g (3) World Politics
PSYC 11762 (3) General Psychology
20651 (3) Child Psychology
21211 (3) Psychology of Adjustment
22221 d (3) Multicultural Psychology
SOC 12050 d (3) Intro to Sociology
22778 g (3) Social Problems

V. BASIC SCIENCES 6-7 hours

Beginning "major sequence" courses in biological sciences [BSCI 10181 (4)], chemistry [CHEM 11060 (4), 10061 (4), 10062 (4), 10063 (4), 10960 (5), 10961 (5)], and physics [PHY 23101 (5), 23102 (5)] may be substituted for those courses listed below. (Science majors, however, must use a science other than their major to meet this requirement.) **ONE COURSE MUST INCLUDE OR BE TAKEN WITH A ONE –CREDIT HOUR LAB.**

ANTH 18630 (3) Human Evolution
BSCI 10001 (3) Human Biology: Cells and Systems
10002 (3) Ecology, Evolution and Society
20020 (5) Biological Structure and Function
CHEM 10030[1] (3)&(1) Chemistry in Our World & Lab
10050 (3) Fundamentals of Chemistry
10052 (2) Intro. To Organic Chemistry
10053 (1) Inorg & Organic Lab (Corequisite 10052)
10054 (5) Gen. & Elem. Organic Chem
GEOL 11040 (3) Earth Dynamics
11041 (1) Earth Dyn Lab (Pre or Corequisite 11040)
11042 (3) Earth History
11043 (1) Earth Hist Lab (Pre or Corequisite 11042)
21062 (3) Environmental Geology
21080 (3) Oceanography
PHY 11030 (3) Seven Ideas that Shook the Universe
11660 (3) Physical Science
13001[2] (5ea) General College Physics I, II
13011[12] (3ea) College Physics I, II
21040[1] (3)&(1) Physics in Entertainment & the Arts & Lab
21430 (3) Frontiers in Astronomy (or 24001 Astronomy)

VI. ADDITIONAL 6 hours

Select from courses listed below or from Categories II-V listed above.

Courses must be selected from **two different** curricular areas.

COMM 15000 (3) Intro. to Human Communication
PHIL 11009 (3) Principles of Thinking

TOTAL 36-37 hours

Important notes:

1. A minimum cumulative 2.75 GPA is required for admission to advanced study, student teaching and graduation.
2. A 2.6 major GPA is required for admission to advanced study, student teaching and graduation.
3. Students must complete 39 upper division hours.
4. Two diversity courses are required for graduation (Fall 2001 and beyond) - at least one course addressing domestic (d) issues and one course addressing global (g) issues.
5. One writing intensive (w) course is required for graduation
6. Qualifying scores on Praxis II: Principles of Learning and Teaching (7-12) and the Specialty Area tests Chem, Physics & General Science PLUS Biology Content Knowledge OR Specialty Area tests Biology & General Science PLUS Physics OR Chemistry OR Earth Science are required for Ohio Licensure.
7. A minimum of 121 valid hours is required for graduation from Kent State University.

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-AAA (33 hours)		Chemistry-CAA (30 hours)	
BSCI 20140	Cell Biology.....	4	
BSCI 30030	Human Physiology OR		
BSCI 40430	General Physiology.....	4	
BSCI 30360	General Ecology.....	4	
BSCI 40163	Organic Evolution.....	3	
w GEOL 34061	Invertebrate Paleontology.....	4	
GEOG 41073	Conservation of Nat Res.....	3	
CHEM 20481	Basic Organic Chemistry I.....	4	
CHEM 30284	Intro Bio Chemistry.....	4	
PHY 24001	Astronomy OR		
PHY 21430	Frontiers in Astronomy.....	3	
Earth Science-BAA (30 hours)			
GEOL 23063	Mineralogy.....	4	
GEOL 32066	Geomorphology OR		
GEOL 31070	Petrology.....	4	
w GEOL 34061	Invertebrate Paleontology.....	4	
GEOG 41082	Soils.....	3	
PHY 21430	Frontiers in Astronomy OR		
PHY 24001	Astronomy.....	3	
CHEM 20481	Basic Organic Chem I.....	4	
CHEM 30101	Quantitative Analysis.....	2	
CHEM 30360	Aqueous & Descriptive Inorganic.....	2	
BSCI 20560	Invert Zoology.....	4	
Physics-DAA (34 hours)			
MATH 12003	Analytic Geom & Calc II.....	5	
PHY 24001	Astronomy OR		
PHY 21430	Frontiers in Astronomy.....	3	
PHY 30020	Intermediate Physics Lab.....	2	
PHY 32511	Electronics.....	4	
PHY 36001	Modern Physics I.....	3	
CHEM 40567	Basic Concept of Phys Chem.....	4	
CHEM 10030	Chemistry in Our World.....	3	
GEOL 41025	Geophysics.....	3	
GEOG 41073	Conservation of Nat Res.....	3	
BSCI 20140	Cell Biology.....	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 following science departments for the sequencing of courses.

BSCI (Biological Sciences).....	330-672-3613 or web page: www.kent.edu/biology/BSCICoursesfallspringsummer.html
CHEM (Chemistry).....	330-672-2032
GEOG (Geography).....	330-672-2045
GEOL (Geology).....	330-672-2680
PHY (Physics).....	330-672-2246