

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
<i>d</i>	SOC	12050 Intro. to Sociology.....	3
Humanities and Fine Arts			
<i>g</i>	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
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

Please See Your Faculty Advisor For The Sequencing Of Courses

4. Student Teaching Block (SPRING SEMESTER ONLY)			
<i>e</i>	ADED	42357 Student Teaching.....	9
	ADED	49525 Inq into Profession Practice	3

<i>Prerequisites to Fall Block</i>			
1. <i>w</i>	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
<i>e</i>	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	_____

Each semester, meet with your Assigned Faculty Advisor: _____

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.

2014–2015 KENT STATE UNIVERSITY REQUIREMENTS

KENT CORE

Minimum 36 credit hours must be taken from the Kent Core. See the University Catalog (www.kent.edu/catalog/kent-core) for information on transfer credit, proficiency testing and other options to meet the Kent Core. None of the courses on the Kent Core list may be taken pass/fail.

LEGEND: **TM** – Ohio Transfer Module; **G** – Global Diversity; **D** – Domestic Diversity; **LAB** – Laboratory

COMPOSITION (6 credit hours)

TM	ENG	11011	College Writing I (3) OR
TM	ENG	11002	College Writing I–Stretch (3)
TM	ENG	21011	College Writing II (3)
	HONR	10197	Freshman Honors Colloquium I (1-4)
	HONR	10297	Freshman Honors Colloquium II (1-4)

MATHEMATICS AND CRITICAL REASONING (3 credit hours)

	CS	10051	Introduction to Computer Science (4)
	MATH	10041	Introductory Statistics (4)
	MATH	11008	Explorations in Modern Mathematics (3)
	MATH	11009	Modeling Algebra (4)
TM	MATH	11010	Algebra for Calculus (3)
	MATH	11012	Intuitive Calculus (3)
TM	MATH	11022	Trigonometry (3)
	MATH	12001	Algebra and Trigonometry (5)
TM	MATH	12002	Analytic Geometry and Calculus I (5)
TM	MATH	12011	Calculus with Precalculus I (3)
TM	MATH	12012	Calculus with Precalculus II (3)
	MATH	14001	Basic Mathematical Concepts I (4)
	MATH	14002	Basic Mathematical Concepts II (4)
	MATH	20095	Special Topics: Modeling Algebra Plus (5)
	MATH	20095	Special Topics: Algebra for Calculus Plus (4)
	MATH	20095	Special Topics: Algebra for Calculus Stretch II (3)
	PHIL	21002	Introduction to Formal Logic (3)

HUMANITIES AND FINE ARTS (9 credit hours)

Minimum one course must be selected from the Humanities in Arts and Sciences area, and minimum one course must be selected from Fine Arts.

Humanities in Arts and Sciences

G TM	CLAS	21404	The Greek Achievement (3)
G TM	CLAS	21405	The Roman Achievement (3)
TM	ENG	21054	Introduction to Shakespeare (3)
TM	ENG	22071	Great Books to 1700 (3)
TM	ENG	22072	Great Books Since 1700 (3)
TM	ENG	22073	Major Modern Writers: British and United States (3)
G TM	HIST	11050	World History: Ancient and Medieval (3)
G TM	HIST	11051	World History: Modern (3)
D TM	HIST	12070	History of the United States: The Formative Period (3)
D TM	HIST	12071	History of the United States: The Modern Period (3)
G TM	PAS	23001	Black Experience I: Beginnings to 1865 (3)
D TM	PAS	23002	Black Experience II: 1865 to Present (3)
G TM	PHIL	11001	Introduction to Philosophy (3)
G TM	PHIL	21001	Introduction to Ethics (3)
G TM	REL	11020	Introduction to World Religions (3)
G TM	REL	21021	Comparative Religion (3)

Humanities in Communication and Information

D TM	COMM	26000	Criticism of Public Discourse (3)
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Fine Arts

TM	ARCH	10001	Understanding Architecture (3)
TM	ARCH	10011	Survey of Architectural History I (3)
TM	ARCH	10012	Survey of Architectural History II (3)
TM	ARTH	12001	Art as a World Phenomenon (3)
TM	ARTH	22006	Art History: Ancient and Medieval Art (3)
TM	ARTH	22007	Art History: Renaissance to Modern Art (3)
G TM	ARTH	22020	Art of Africa, Oceania and the Americas (3)
G TM	DAN	27076	Dance as an Art Form (3)
TM	MUS	22111	The Understanding of Music (3)
G TM	MUS	22121	Music as a World Phenomenon (3)
G TM	THEA	11000	The Art of the Theatre (3)

ADDITIONAL (6 credit hours)

Select courses from the Kent Core.

Any of the following courses may also be selected:

TM	COMM	15000	Introduction to Human Communication (3)
	HONR	13597	Colloquium: The Western Identity (3)
G	PH	10002	Introduction to Global Health (3)
	PHIL	11009	Critical Thinking (3)

SOCIAL SCIENCES (6 credit hours)

Courses must be selected from two curricular areas.

G TM	ANTH	18210	Introduction to Cultural Anthropology (3)
G TM	ANTH	18420	Introduction to Archaeology (3)
D TM	CACM	11001	Introduction to Conflict Management (3)
TM	ECON	22060	Principles of Microeconomics (3)
TM	ECON	22061	Principles of Macroeconomics (3)
TM	GEOG	10160	Introduction to Geography (3)
G TM	GEOG	17063	World Geography (3)
D TM	GEOG	17064	Geography of the United States and Canada (3)
G TM	GEOG	22061	Human Geography (3)
D TM	GERO	14029	Introduction to Gerontology (3)
D TM	JMC	20001	Media, Power and Culture (3)
TM	JUS	26704	Issues in Law and Society (3)
G TM	POL	10004	Comparative Politics (3)
D TM	POL	10100	American Politics (3)
G TM	POL	10500	World Politics (3)
D TM	PSYC	11762	General Psychology (3)
D TM	PSYC	20651	Child Psychology (3)
D TM	PSYC	21211	Psychology of Adjustment (3)
D TM	PSYC	22221	Multicultural Psychology (3)
D TM	SOC	12050	Introduction to Sociology (3)
G TM	SOC	22778	Social Problems (3)

BASIC SCIENCES (6-7 credit hours)

Minimum one laboratory course (marked "LAB") must be selected.

Beginning "major sequences" courses in athletic training (ATTR 25057, 25058), biological sciences (BSCI 10110, 10120, 11010, 11020), chemistry (CHEM 10060, 10061, 10062, 10063, 10960, 10961), exercise science (EXSC 25057, 25058) and physics (PHY 12201, 12202, 23101, 23102) may be substituted for those courses listed below.

TM	ANTH	18630	Human Evolution (3)
LAB TM	ANTH	18631	Issues in Human Evolution (1) <i>Pre/corequisite 18630</i>
TM	BSCI	10001	Human Biology (3)
TM	BSCI	10002	Life on Planet Earth (3)
LAB TM	BSCI	10003	Lab Experience in Biology (1) <i>Pre/corequisite 10001/10002</i>
LAB TM	BSCI	20020	Biological Structure and Function (5)
TM	CHEM	10030	Chemistry in Our World (3)
LAB TM	CHEM	10031	Chemistry in Our World Laboratory (1) <i>Pre/corequisite 10030</i>
TM	CHEM	10050	Fundamentals of Chemistry (3)
TM	CHEM	10052	Introduction to Organic Chemistry (2)
LAB TM	CHEM	10053	Inorganic and Organic Laboratory (1) <i>Corequisite 10052</i>
TM	CHEM	10054	General and Elementary Organic Chemistry (5)
TM	GEOG	21062	Physical Geography (3)
LAB TM	GEOG	21063	Physical Geography Laboratory (1) <i>Pre/corequisite 21062</i>
TM	GEOL	11040	How the Earth Works (3)
LAB TM	GEOL	11041	How the Earth Works Laboratory (1) <i>Pre/corequisite 11040</i>
TM	GEOL	11042	Earth and Life Through Time (3)
LAB TM	GEOL	11043	Earth and Life Through Time Laboratory (1) <i>Pre/corequisite 11042</i>
TM	GEOL	21062	Environmental Earth Science (3)
TM	GEOL	21080	All About the Oceans (3)
	NUTR	23511	Science of Human Nutrition (3)
TM	PHY	11030	Seven Ideas that Shook the Universe (3)
TM	PHY	13001	General College Physics I (4)
TM	PHY	13002	General College Physics II (4)
TM	PHY	13011	College Physics I (2)
TM	PHY	13012	College Physics II (2)
LAB TM	PHY	13021	General College Physics Laboratory I (1)
LAB TM	PHY	13022	General College Physics Laboratory II (1)
TM	PHY	21040	Physics in Entertainment and the Arts (3)
LAB TM	PHY	21041	Physics in Entertainment and the Arts Laboratory (1) <i>Pre/corequisite 21040</i>
TM	PHY	21430	Frontiers in Astronomy (3)
LAB TM	PHY	21431	Frontiers in Astronomy Laboratory (1) <i>Pre/corequisite 21430</i>

last revised 14 April 2014

FIRST-YEAR REQUIREMENT

US 10097 Destination Kent State: First Year Experience (1)
Not required of students age 21+ at time of admission or transfer students with 25 or more credits (excluding PSEOP or dual credit)

DIVERSITY REQUIREMENT

Students must complete two courses designated as diversity, with one domestic (U.S.) and one global. At least one course must be taken from the Kent Core, marked above as global ("G") or domestic ("D"). (www.kent.edu/catalog/diversity)

EXPERIENTIAL LEARNING REQUIREMENT

Students must complete an experiential learning activity at Kent State, either as a designated course or as a non-credit, non-course experience approved by the appropriate faculty member. (www.kent.edu/catalog/elr)

WRITING-INTENSIVE REQUIREMENT

Students must complete one writing-intensive course at Kent State with a minimum C grade. (www.kent.edu/catalog/wic)

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