

Name: _____

Catalog Year: _____

Student #: _____

Date: _____

General Course Work (38-42)

US 10097	DKS: First Year Experience.....	1
Composition		
ENG 11011	College Writing I	3
ENG 21011	College Writing II	3
Mathematics & Critical Reasoning		
MATH 11009	Modeling Algebra (4)	3-4
OR 11010	Algebra for Calculus (3) (or higher-level)	

Basic Sciences (10 hours) (do not take CHEM 10050)		
CHEM 10060	General Chemistry I (check prereqs).....	4
CHEM 10062	General Chemistry Lab I.....	1
CHEM 10061	General Chemistry II (CHEM 10060).....	4
CHEM 10063	General Chemistry Lab.....	1

Social Sciences		
PSYC 11762	General Psychology	3
GERO 14029	Intro to Gerontology	3

Additional (3-6 hours)		
NUTR 23511	Science of Human Nutrition	3
PPOT: MATH 11022	Trigonometry	3

Humanities and Fine Arts (See Reverse)
Select 3 from Humanities & Fine Arts. One must be from Arts & Sciences and one must be a fine arts course.
(A&S) _____ 3
_____ 3
(Fine Arts) _____ 3

(ALEKS placement or C in MATH 11010 is required for MATH 11022 Trig)
EXPH/EXSP: other Additional course requirement is fulfilled in major with Chemistry or Human A&P

Diversity requirements met? Global Domestic

Major Course Work: (41 Exer. Phys., 52 Exer. Spec., or 65 Pre-Phys/Occ Therapy Hours)

+A minimum 2.25 GPA or better is required in all major coursework

+Students in the PPOT concentration, who do not have a 3.0 or better in this major are encouraged to take the ACSM Health Fitness Specialist and/or CPT exams to enhance employment opportunities following graduation as admission into PT/OT graduate programs is competitive by GPA.

Core Requirements (20 hours)		
EXSC 15010	Intro to Exercise Science	2
ATTR/EXSC 25057	Human Anatomy/Physiology I	3
ATTR/EXSC 25058	Human Anatomy/Physiology II (25057).....	3
EXSC 35068	Statistics for the Exercise Specialist	3
ATTR/EXSC 35054	Biomechanics (25058)	3
w EXSC 45080	Physiology of Exercise (25058).....	3
PEP 25033	Lifespan Motor Development (PSYC 11762) .3	

Fitness Assessment (7 hours)		
ATTR 35040	Strength and Conditioning (25057)	2
EXSC 35022	Exercise Leadership	3
EXSC 35023	Personal Training Certification Prep (25058)	2

Option I: Exercise Physiology (14 hours) [EXPH]		
ATTR 25036	Principles of Athletic Training	3
CHEM 20481	Basic Organic Chemistry I (F/Sum)(10061) ..4	
*EXSC 45481	Senior Seminar (Fall, take junior year)	1
e*EXSC 45096	Individual Investigation in Exercise Sci	3
NUTR 33512	Nutrition (CHEM 20481)	3

Option II: Exercise Specialist (25 hours) [EXSP]		
ATTR 25036	Principles of Athletic Training	3
ATTR 45039	Therapeutic Rehab (25036 & 25057)	3
ATTR 45040	Path/Pharm for Allied Health (25058)	3
EXSC 35075	Exercise Programming(Spring) (25058)	3
EXSC 40612	Exercise Leadership for the Older Adult	3
EXSC 45065	Exercise Testing (Fall only) (25058)	3
EXSC 45070	Electrocardiography (25058).....	3
*EXSC 45480	Internship Seminar (Spring Only)	1
e*EXSC 45492	Internship Phys Fit/Cardiac Rehab (45480)	3

+Option III: Pre-Physical/Occupational Therapy (38 credits) [PPOT]		
BSCI 10110	Biological Diversity.....	4
BSCI 10120	Biological Foundations.....	4
CHEM 20481	Basic Organic Chemistry I (Fall/Summer).....	4
*EXSC 45096	Individual Investigation in EXSI	3
*EXSC 45481	Senior Seminar (Fall, take junior year)	1
e*EXSC 45492	Internship Phys Fit/Cardiac Rehab	3

HED 14020	Medical Terminology	3
NUTR 33512	Nutrition (CHEM 20481)	3
PHY 13001	General College Physics I (MATH 11022)	4
PHY 13002	General College Physics II (PHY 13001).....	4
PHY 13021	General College Physics Lab I.....	1
PHY 13022	General College Physics Lab II	1
PSYC 40111	Abnormal Psychology (PSYC 11762)	3

*contact instructor/faculty advisor for special approval

NOTE: It is highly recommended that the Exercise Science major take the American College of Sports Medicine Health Fitness Specialist and/or Certified Personal Trainer exams upon completion of their degree programs. See faculty advisor prior to selecting electives (No remedial/development courses and only 4 hours of PEB courses)

General Elective Credits: 41-42 for EXPH (16 upper division), 30-31 hours for EXSP (1 upper division), or 15 for PPOT (10 upper division)

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Suggested Electives for PPOT option:	
ATTR 45039	Therapeutic Rehab (3) [25036 25057]
ATTR 45040	Path/Pharm for Allied Health (3) [EXSC 25058]
CHEM 30284	Intro. Bio. Chemistry (4) spring only [20481]
EXSC 40612	Exercise Leadership for Older Adult (3)
EXSC 45065	Exercise Testing (3) fall only ([25058]

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 _____

Each semester, meet with your Assigned Faculty Advisor: _____
Important notes: Exercise Science is one route to Physical Therapy and Occupational Therapy advanced study programs. Athletic Training is another option for pursuing advancement into PT and/or OT graduate programs. Specifically, Athletic Training involves clinical courses and dual-certificate (AT/PT) opportunities for those choosing Pre-Physical Therapy/OT as a course of study. Additionally, Integrated Health Studies provides a viable course of study which can also serve as a Pre-PT/OT curricula for interested students. The Health Science concentration includes a strong math and science curriculum which provides a solid foundation for numerous health/medical graduate degrees in particular physical and occupational therapy

Total Hours Completed	_____
Hours Needed:	_____
General Coursework	_____
Core	_____
Fitness Assessment	_____
Option _____	_____
Upper Division Hours	_____
General Electives	_____
Total for Degree	_____

2013–2014 KENT STATE REQUIREMENTS

UNIVERSITY REQUIREMENT (1 credit hour)

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

WRITING-INTENSIVE COURSE REQUIREMENT

Students must complete one writing-intensive course at Kent State with a minimum C grade. See the University Catalog (www.kent.edu/catalog) for course listing.

KENT CORE (36 credit hours)

See the University Catalog (www.kent.edu/catalog) 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 Course

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 11008 Explorations in Modern Mathematics (3)
 MATH 11009 Modeling Algebra (4)
 TM MATH 11010 Algebra for Calculus (3)
 TM 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)
 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 PHIL 21020 Comparative Religious Thought I (3)
 G TM PHIL 21021 Comparative Religious Thought II (3)

Humanities in Communication and Information

D TM COMM 26000 Criticism of Public Discourse (3)

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 I: Ancient and Medieval Art (3)
 TM ARTH 22007 Art History II: 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)
 PHIL 11009 Principles of 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) *Pre/corequisite 18630*
 TM BSCI 10001 Human Biology (3)
 TM BSCI 10002 Life on Planet Earth (3)
 LAB TM BSCI 10003 Lab Experience in Biology (1) *Pre/corequisite 10001/10002*
 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) *Pre/corequisite 10030*
 TM CHEM 10050 Fundamentals of Chemistry (3)
 TM CHEM 10052 Introduction to Organic Chemistry (2)
 LAB TM CHEM 10053 Inorganic and Organic Laboratory (1) *Corequisite 10052*
 TM CHEM 10054 General and Elementary Organic Chemistry (5)
 TM GEOG 21062 Physical Geography (3)
 LAB TM GEOG 21063 Physical Geography Laboratory (1) *Pre/corequisite 21062*
 TM GEOL 11040 Earth Dynamics (3)
 LAB TM GEOL 11041 Earth Dynamics Laboratory (1) *Pre/corequisite 11040*
 TM GEOL 11042 Earth History (3)
 LAB TM GEOL 11043 Earth History Laboratory (1) *Pre/corequisite 11042*
 TM GEOL 21062 Environmental Geology (3)
 TM GEOL 21080 Oceanography (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 PHY 13021 General College Physics Laboratory I (1)
 LAB 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) *Pre/corequisite 21040*
 TM PHY 21430 Frontiers in Astronomy (3)
 LAB TM PHY 21431 Frontiers in Astronomy Laboratory (1) *Pre/corequisite 21430*

DIVERSITY REQUIREMENT

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. At least one course must be taken from the Kent Core, marked above as global ("G") or domestic ("D"). This course may count both as diversity and Kent Core. See the University Catalog (www.kent.edu/catalog) for course listing.

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. Courses with numbers ending in 92, 98, 99 or having "student teaching" in title also fulfill this requirement. See the University Catalog (www.kent.edu/catalog) for course listing.