

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)

(PPOT must take 11010, w/C or better [or ALEKS score] for TRIG prereq)

Social Sciences

PSYC 11762 General Psychology 3

GERO 14029 Intro to Gerontology 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

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

The above CHEMs are prerequisites for CHEM 20481

Additional (3-6 hours)

NUTR 23511 Science of Human Nutrition 3

PPOT: MATH 11022 Trigonometry 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 Science2

ATTR/EXSC 25057 Human Anatomy/Physiology I.....3

ATTR/EXSC 25058 Human Anatomy/Physiology II (25057).....3

EXSC 35068 Statistics for the Exercise Specialist3

ATTR/EXSC 35054 Biomechanics (25057)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 Leadership3

EXSC 35023 Personal Training Certification Prep (25058)2

Option I: Exercise Physiology (14 hours) [EXPH]

ATTR 25036 Principles of Athletic Training3

CHEM 20481 Basic Organic Chemistry I (F/Sum)(10061) ..4

*EXSC 45481 Seminar in EXPH (Fall, take junior year)1

e*EXSC 45096 Individual Investigation in Exercise Sci3

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 Adult3

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 EXSI3

*EXSC 45481 Seminar in EXPH (Fall, take junior year)1

e*EXSC 45492 Internship Phys Fit/Cardiac Rehab3

HED 14020 Medical Terminology3

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 II1

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: 40-41 for EXPH (16 upper division), 29-30 hours for EXSP (1 upper division), or 14 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 _____

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)