Name: ___________________________ Date: ____________________________

Student #: ___________________________ __________________________________________

Department of Chemistry and Biochemistry: 330-672-2032
Department of Biological Sciences: 330-672-3613
Department of Chemistry and Biochemistry: 330-672-2032
Department of Geography: 330-672-2045

Life Science Licensure (Grades 7-12) 133 hours
Catalog Year: 2013 CY

General Course Work (36 hours)

Major Course Work (58 Hours)—A “C” or better and a 2.6 is required in major course work

Prerequisite Course work for Admission to Advanced Study:

Other Required Education Coursework*: 9

Advanced Study Course Work:

Prerequisites for Fall Block

1. w ADED 32142 Princ of Teaching Adol (Fall Only) ................. 3
2. ADED 32277 Teach Science 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 ___________________________

Each semester, meet with your Assigned Faculty Advisor: ___________________________

Important notes:

- 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 Biology Content Assessment are required for Ohio Licensure.
- 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 Geology: 330-672-2680
Department of Biological Sciences: 330-672-3613
Department of Physics: 330-672-2246
Department of Chemistry and Biochemistry: 330-672-2032
Department of Mathematical Sciences: 330-672-2430

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

Choose ONE from Humanities (See Reverse) .................. 3

Choose ONE from Fine Arts (See Reverse) .................. 3

Basic Sciences and Additional Included in major course work

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 .... 3
OR MATH 30011 Basic Prob & Stats ........ 3

Diversity requirements met? — Global — Domestic

Mathematics & Critical Reasoning

BSCI 10110 Biological Diversity .......... 4
BSCI 10120 Biological Foundations .......... 4
BSCI 30140 Cell Biology .................. 4
BSCI 30156 Elements of Genetics ........ 3
BSCI 30360 General Ecology ............. 4
BSCI 40163 Organic Evolution .......... 3
CHEM 10060 General Chemistry I (check prereqs) .... 4
CHEM 10062 Chemistry Lab I .......... 1
CHEM 10061 General Chemistry II ....... 4
CHEM 10063 Chemistry Lab II .......... 1
CHEM 20481 Basic Organic Chemistry .... 4
CHEM 30284 Intro Bio Chem ........ 4
GEOL 10042 Earth History ........ 3

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

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.

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 Professional Practice .......... 3

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

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

Total Hours Completed ___________________________

Hours Remaining: ________________

Total for Degree ___________________________
**University Requirement (1 credit hour)**

Not required of students age 21+ at time of admission or transfer students with 25 credits (excluding PSEP 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) |
| TM  | HONR 10197 Freshman Honors Colloquium I (1-4) |
| TM  | HONR 10297 Freshman Honors Colloquium II (1-4) |

**Mathematics and Critical Reasoning (3 credit hours)**

| TM  | CS 10051 Introduction to Computer Science (4) |
| TM  | MATH 11008 Explorations in Modern Mathematics (3) |
| TM  | MATH 11009 Modeling Algebra (4) |
| TM  | MATH 11100 Algebra for Calculus (3) |
| TM  | MATH 11101 Intuitive Calculus (3) |
| TM  | MATH 11022 Trigonometry (3) |
| TM  | 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) |
| TM  | MATH 14001 Basic Mathematical Concepts I (4) |
| TM  | 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**

- **TM CLAS 21404** The Greek Achievement (3)
- **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)
- **TM HIST 11050** World History: Ancient and Medieval (3)
- **TM HIST 11051** World History: Modern (3)
- **TM HIST 12070** History of the United States: The Formative Period (3)
- **TM HIST 12071** History of the United States: The Modern Period (3)
- **TM PAS 23001** Black Experience I: Beginnings to 1865 (3)
- **TM PAS 23002** Black Experience II: 1865 to Present (3)
- **TM PHIL 11001** Introduction to Philosophy (3)
- **TM PHIL 21001** Introduction to Ethics (3)
- **TM PHIL 21020** Comparative Religious Thought I (3)
- **TM PHIL 21021** Comparative Religious Thought II (3)

**Humanities in Communication and Information**

| TM  | COMM 26000 Criticism of Public Discourse (3) |
| 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) |
| TM  | ARTH 22020 Art of Africa, Oceania and the Americas (3) |
| TM  | DAN 27076 Dance as an Art Form (3) |
| TM  | MUS 22111 The Understanding of Music (3) |
| TM  | MUS 22121 Music as a World Phenomenon (3) |
| 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)

**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.

**Writing-intensive 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.

Revised 3 March 2013