**CHECKLIST** | Effective Fall 2016

### GENERAL EDUCATION (45 hrs)

#### AREA A: Essential Skills
- ENGL 1101 Composition I (3 hrs)
- ENGL 1102 Composition II (3 hrs)
- MATH 1112 College Trig or MATH 1113 (3 hrs) PreCalculus 

#### AREA B: Institutional Options
- (Recommended by Department)
  - ECON 1000 Contemporary Economics Issues (3 hrs)
- COM 1100 Human Recommunication (3 hrs) *

#### AREA C: Humanities/Fine Arts
Select 1 of 10 Literature of the World:
- ENGL 2110, 2111, 2112, 2120, 2121, 2122, 2130, 2131, 2132, or 2300 (3 hrs)
Select 1 three hour Arts and Culture of the World course:
- ART , MUSI, TPS, or DANC 1107

#### AREA D: Science, Math, and Technology
- PHYS 2211 Principles of Physics I (2 hrs)
- PHYS 2211L Principles of Physics I Lab (1 hr)
- PHYS 2212 Principles of Physics II (3 hrs)
- PHYS 2212L Principles of Physics II Lab (1 hr)
- MATH 1190 Calculus I (4 hrs)

#### AREA E: Social Sciences
- (Recommended by Department)
  - POLS 1101 American Government (3 hrs)
  - HIST 2112 America Since 1890 (3 Hrs) *
  - HIST 1100 Introduction to World History (3 hrs) *
  - STS 1101 Science, Technology, and Society (3 hrs) *

### INSTITUTIONAL REQUIREMENT
- WELL 1000 Fitness for Living (3 hrs)

### FREE ELECTIVES (3 hrs)**
- KSU First Year Seminar (3 hrs) or Learning Community*

### AREA F: LOWER DIVISION REQUIREMENTS (19 hrs)
- CHEM 1211 General Chemistry I Lab (3 hrs)
- CHEM 1211L General Chemistry I Lab (1 hr)
- CHEM 1212 General Chemistry II (3 hrs)
- CHEM 1212L General Chemistry II Lab (1 hr)
- CHEM 2800 Quantitative Analytical Chem (3 hrs)
- CHEM 2800L Quantitative Analytical Chem Lab (1 hr)
- MATH 2202 Calculus II (4 hrs)

*Plus course credit from General Education, Area D (2 credits)

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### UPPER DIVISION MAJOR REQUIREMENTS

#### REQUIRED COURSES
- CHEM 3050 Physics Chemistry (3 hrs)
- CHEM 3105 Inorganic Chemistry (3 hrs)
- CHEM 3105L Inorganic Synthesis Lab (1 hr)
- CHEM 3361 Modern Organic Chem I (3 hrs)
- CHEM 3361L Modern Organic Chem I Lab (1 hr)
- CHEM 3362 Modern Organic Chem II (3 hrs)
- CHEM 3362L Modern Organic Chem II Lab (1 hr)
- CHEM 3400 Teaching & Learning of Chem (3 hrs)
- CHEM 4100 Directed Applied Research (2 hrs)
- CHEM 3500 Biochemistry (3 hrs)
- CHEM 3500L Biochemistry Lab (1 hr)
- CHEM 3xxx/4xxx - Chemistry Elective (3 hrs)

### EDUCAIONAL TRACK CONTENT REQUIREMENTS
- BIOL 1107 Principles of Biology (3 hrs)
- BIOL 1107L Principles of Biology Lab (1 hr)

### PROFESSIONAL EDUCATION REQUIREMENTS
- ** EDSM 1101 Step 1: Inquiry Approach to Teaching (1 hr) (10 hr field experience)
- ** EDSM 1101 Step 2: Inquiry-based Lesson Design (1 hr) (10 hr field experience)
- EDSM 2010 Knowing and Learning (2 hr)
- SCED 2421 Classroom Interactions (3 hr) (45 hr field experience)
- SCED 3010 Perspectives on Science Teaching (3 hr)
- CHED 4422 Project-based Instruction (3 hrs) (45 hr field experience)
- CHED 4423 Pedagogical Content Knowledge for Chemistry (2hrs)
- CHED 4660 Year-long Clinical Practicum II (6 hrs) (160 hr field experience)
- INED 3305 Teaching Students with Exceptionalities I (2 hrs)
- INED 3306 Teaching Students with Exceptionalities II (1 hr)
- INED 4435 Teaching Adolescent English Learners (1 hr)
- INED 4436 Teaching Diverse Language Learners (2 hrs)
- ITEC 3300 Improv. Teach. w/ Tech. in HS Classroom (3 hrs)

** A cleared Background check is required to commence the OwlTeach sequence**

### ADMISSION TO TEACHER EDUCATION

- Complete an online application through the Student Services tab in your Owl Express account.
- Apply during the appropriate dates for that year/term.
- Completed at least 45 semester hours.
- Complete EDSM 1101, 1102 & 2010 with a C or better, a satisfactory field experience evaluation, and recommendation from the EDUC 2010 instructor.
- Achieved a 3.00 KSU adjusted GPA for guaranteed admission, but a 2.75 for consideration on a case-by-case basis.
- Register with the Georgia Professional Standards Commission to obtain a MyPSC account and PSC id #.
- Pass or exempt (STAT 1000 or ACT 43) the GACE Program Admissions Tests in Reading, Writing, and Math.

For details visit: [http://bagwell.kennesaw.edu/centers/ess/ess-resources/ess-forms](http://bagwell.kennesaw.edu/centers/ess/ess-resources/ess-forms)