

Undergraduate Prerequisite Checklist for Admission Secondary Science Education - Biology (Grades 6-12)

Beginning with those initially entering a Florida College System or Florida State University System institution in fall 2015 and thereafter, students will be required to complete 36 hours of general education, comprised of requirements determined by the State of Florida (GEC: General Education Core) and by USF Tampa (FKL: Foundations of Knowledge and Learning). Students entering prior to fall of 2015: consult with your academic advisor to clarify your requirements.

Name: _____ UID: _____ Date: _____

A. FKL ENGLISH COMPOSITION

Both Courses Required for All Majors (6 Hours)

1. **ENC 1101: English Composition I (6A)**

2. **ENC 1102: English Composition II (6A)**

B. FKL MATHEMATICS & QUANTITATIVE REASONING

Group B1: FKL Mathematics* (3 or 6 Hours)
Select One Course to Complete B1

1. **MAC 1105: College Algebra**

2. _____

Group B2: FKL Quantitative Reasoning^ (0 or 3 Hours)
Select a Second Course from Either B1 or B2

1. _____

Section B must include at least one GEC Mathematics course: MAC 1105: College Algebra*, MAC 2311 Calculus*, MGF 1106: Finite Mathematics*, STA 2023: Introductory Statistics^

C. FKL NATURAL SCIENCE

Group C1: FKL Life Science* (3 Hours)
Select One Course to Complete C1

1. **BSC 2010 & BSC 2010L: Biology I Cellular Processes**

Group C2: FKL Physical Science^ (3 Hours)
Select a Second Course to Complete C2

1. **CHM 2045 & CHM 2045L: General Chemistry I**

Section C must include at least one GEC Natural Sciences course: BSC 1005: Principles of Biology for Non Majors*, BSC 2010: Cellular Processes*, BSC 2085: Anatomy & Physiology I*, AST 2002: Descriptive Astronomy^, CHM 2045: General Chemistry I^, ESC 2000: Introduction to Earth Science^, EVR 2001: Introduction to Environmental Science^, PHY 2020: Conceptual Physics^, PHY 2048: General Physics I^

D. FKL SOCIAL & BEHAVIORAL SCIENCES

Group D1: FKL Social & Behavioral Sciences (6 Hours)
Select Two Courses to Complete D1

1. _____

2. _____

Section D must include at least one GEC Social Science course: AMH 2020: American History II, ANT 2000: Introduction to Anthropology, ECO 2013: Economic Principles (Macroeconomics), POS 2041: American National Government PSY 2012: Introduction to Psychological Science, SYG 2000: Introduction to Sociology

▪ This checklist outlines the most expeditious method for satisfying FKL, GEC, and other admission requirements for Secondary Science Education: Biology.

▪ FKL, GEC, and International Diversity Focus course requirements automatically satisfied with a Florida public AA degree.

▪ You must receive a minimum grade of C- in each course.

**Effective fall 2017, EDF 2085 and EME 2040 will no longer be required for admission to the College of Education.

All students entering USF for the first time in fall 2009 or later who earn 3 D and/or F grades in USF coursework for their major and/or supporting coursework for the major not including lab only courses (i.e. Math, Biology, Chemistry and Physics) will be required to change their major.

E. FKL HUMANITIES & FKL FINE ARTS

Group E1: FKL Humanities* (6 Hours)
Select Two Courses to Complete E1

1. _____

2. _____

Group E2: FKL Fine Arts^ (3 Hours)
Select a Third Course to Complete E2

1. _____

Section E must include at least one GEC Humanities course: ARH 2000: Art and Culture*, HUM 1020: Introduction to Humanities^, LIT 2000: Introduction to Literature*, PHI 2010: Introduction to Philosophy*, THE 2000: Theater and Culture^

F. FKL HUMAN & CULTURAL DIVERSITY IN A GLOBAL CONTEXT

Group F1: FKL Human & Cultural Diversity in a Global Context (3 Hours)
Select One Course to Complete F1

1. _____

G. FKL HUMAN HISTORICAL CONTEXT & PROCESS

Group G1: FKL Human Historical Context & Process (6 Hours)
Select Two Courses to Complete G1

1. **ENC 1101: English Composition I (6A)**

2. _____

Section G courses can be cross-listed for courses in other FKL areas; specific courses found in USF Undergraduate Catalog.

H. ADDITIONAL ADMISSION REQUIREMENTS

Group H1: Non-Course Requirements

1. **2.5 Overall GPA**

2. **General Knowledge Test**

Group H2: Pre-Education Courses (9 Hours)**

1. **EDF 2005: Introduction to the Teaching Profession**

2. **EDF 2085: Introduction to Diversity for Educators****

3. **EME 2040: Introduction to Technology for Educators****

Group H3: International Diversity Focus Courses (6 Hours)

1. _____

2. _____

One Section H3 course can be cross-listed for a course in Section F: FKL Human & Cultural Diversity in a Global Context. Complete list of course options listed on opposite side of checklist.

Group H4: State Mandated Common Prerequisites

1. **MAC 1105: College Algebra OR HIGHER**

2. **BSC 2010 & BSC 2010L: Biology I Cellular Processes**

3. **BSC 2011 & BSC 2011L: Biology II Biological Diversity**

And **EITHER**

4. **PHY 2048 & PHY 2048L: General Physics I**

5. **PHY 2049 & PHY 2049L: General Physics II**

OR

4. **CHM 2045 & CHM 2045L: General Chemistry I**

5. **CHM 2046 & CHM 2046L: General Chemistry II**

Section H4 courses may be cross-listed for courses in FKL and GEC areas listed above.

Student Academic Services (SAS)

Student Academic Services (SAS) offers academic advising, internship information, and scholarship information for undergraduate and MAT students.

Location, Contact Numbers, & Website:

College of Education, EDU 106
Phone: (813) 974-2979
Fax: (813) 974-3391
usf.edu/education/advising/undergraduate/index.aspx

Mailing Address:

College of Education
University of South Florida
4202 East Fowler Avenue
Mail Stop EDU 105
Tampa, FL 33620

Office Hours:

Monday - Friday
8:00 a.m. - 5:00 p.m.

Academic Advising Appointments

For **Current Students**, visit my.usf.edu:

- Select **Advisor Appointments** from the **Learning & Teaching Tools** menu >
- Select **Tampa** >
- Select **College of Education** >
- Select **Pre-Admitted College of Education** >
- Select **Any Advisor's Name**

Viewing Your DegreeWorks (Degree Audit)

For **Current Students**, visit my.usf.edu:

- Select **OASIS** from the **My Resources** menu >
- Select **Student** >
- Select **DegreeWorks**

Registration

Prerequisites are courses that must be taken before another course.
Corequisites are courses that must be taken during the same term.
Permits must be requested prior to registering for some courses.
If a course has one of the restrictions listed above, it will be noted on the Class Schedule Search.

Links for permits for common courses are listed below:

- Anatomy & Physiology in the College of Nursing:
<http://health.usf.edu/nursing/resources/permitreq.html>
- Biology: <http://biology.usf.edu/bioadvise/registration/bio.aspx>
- Chemistry: <http://chemistry.usf.edu/advising/permits/>
- Physics: <http://physics.usf.edu/forms/permit.aspx>
- Mathematics & Statistics:
<http://math.usf.edu/forms/permit.aspx>

A permit does not register you for courses. Visit OASIS to verify if permits have been issued.

Requesting Course Substitutions for Foundations of Knowledge and Learning

To have FKL prerequisite course(s) considered for substitution, please email the appropriate advisor with the following information:

- Course in question (e.g. ENG 101)
- Course description from the previous institution's academic catalog (HCC 2004)
- Course equivalent at USF (e.g. ENG 101 for ENC 1101)

If you are a transfer student with education courses, it is **required** that you **make an appointment with an academic advisor** and complete a [COEDU Undergraduate Course Substitution](#) form.

Skills Test Information

All applicants to teacher preparation programs must pass all sections of the General Knowledge Test (GKT) and submit official passing scores with application to the College of Education. It can take up to eight weeks to receive official scores.

Register for the GKT here: http://www.fl.nesinc.com/FL_register.asp.

Additional University Academic Requirements

The opposite side of this checklist outlines the requirements, both course and non-course, for admission into the College of Education. In addition to those outlined are the following University requirements:

6A Communication

All undergraduates are required to take **four** courses identified as 6A Communication courses and earn a C- or better in each. **ENC 1101 and 1102 fulfill two of the four courses needed.**

Although some majors include 6A Communication courses within the upper-level program, the University requires you satisfy this requirement within your first 60 hours of coursework, and advisors strongly recommend you take them prior to admission to the College.

Foreign Language Entrance Requirement (FLENT)

Students pursuing a Bachelor of Science degree must demonstrate competency in a foreign language, through either two years of the same foreign language at the high school level or two semesters at the college level. Students pursuing a Bachelor of Arts degree have additional foreign language requirements.

International Diversity Focus Courses

International Diversity Focus (or Section H3) courses (see opposite side of checklist) can be cross-listed for courses in other categories:

- **Section C2 (FKL Physical Science):** GEO 2371: Introduction to Earth Systems Science
- **Section D (FKL Social & Behavioral Sciences):** ANT 2000: Introduction to Anthropology, SYG 2000: Introduction to Sociology
- **Section E1 (FKL Humanities):** AMH 2010: American History I, AMH 2020: American History II, ARH 2050: History of Visual Arts I, ARH 2051: History of Visual Arts II, EUH 2001: Ancient History I, EUH 2022: Medieval History II, EUH 2031: Modern European History II, LIT 2010: Introduction to Fiction, LIT 2040: Introduction to Drama
- **Section E2 (FKL Fine Arts):** MUH 2051: Folk and Traditional Music of World Cultures
- **Section F (FKL Human & Cultural Diversity in a Global Context):** One Section H3 course can be cross-listed for any course in Section F.

Apply to the College of Education!

Students must submit an application to the College of Education: **this is separate from the application to the University of South Florida.** Some programs are limited access and may have different admission restrictions.

Visit <http://www.usf.edu/education/advising/undergraduate/coedu-applications.aspx> for application links and deadlines.

In addition to the College of Education admission requirements listed on both sides of this checklist, applicants to the following programs must adhere to additional requirements and include supplemental materials with their applications:

- Elementary Education Teacher Residency
- Middle Grades Mathematics Education
- Middle Grades Science Education

See your academic advisor and the individual program websites for detailed information.