PREREQUISITES & FOUNDATION COURSES

for Intended Majors

2014-2015

COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY:
__ANT 2000 Intro to Anthropology
__1 additional lower level anthropology course

ART: (Graphic Design & Digital Media, Photography, Ceramics, Painting/Drawing & Printmaking, Sculpture)
__ART 1201C Two-dimensional design
__ART 1300C Drawing I
__ART 2203C Three-dimensional design
__ART 2301C Drawing II
__ARH 2050 Art History Survey I
__ARH 2051 Art History Survey II
__2 art studio electives

(ART/GRA/PGY prefix)
Graphic Design requires these studio electives:
__ART2605C Basic Computing Images
__PGY 1800C Digital Photography
__GRA 2190C Intro to Graphic Design

ART HISTORY:
__ART 1201C Two-dimensional design
__ART 1300C Drawing I
__ARH 2050 Art History Survey I
__ARH 2051 Art History Survey II
Must complete through the intermediate level in a foreign language sequence

BIOLOGY: (Coastal Environmental Science, Coastal Biology, Ecology & Evolutionary Biology, Molecular & Cell Biology and Biotechnology, Biomedical Sciences, Medical Lab Science)
__BSC 1010C General Biology I
__BSC 1011C General Biology II
__CHM 2045/L General Chemistry I w/ Lab*
__CHM 2046/L General Chemistry II w/ Lab
__CHM 2210/L Organic Chemistry I w/ Lab
__MAC 2311 G(M)Calculus I #
Select 1 course:
__CHM 2211/L Organic Chemistry II w/ Lab
__CHM 3120C Quant Analytical Chemistry
Select 1 course:
__STA 2014 G(M)Elem Stats-Hlth/SS
__MAC 2312 G(M)Calculus II
Medical Lab Science prerequisites differ from those listed above. Consult your Osprey Map or advisor.

CHEMISTRY:
__CHM 2045/L General Chemistry I w/ lab*
__CHM 2046/L General Chemistry II w/ Lab
__CHM 2210/L Organic Chemistry I w/ Lab
__CHM 2211/L Organic Chemistry II w/ Lab
__PHY 2048/L Calculus Physics I w/ Lab
__PHY 2049/L Calculus Physics II w/ Lab
__MAC 2311 G(M)Calculus I #
__MAC 2312 G(M)Calculus II

COMMUNICATION: (Advertising, Multimedia Journalism and Production, Public Relations):
Concentration: Advertising
__MMC 1004 Media Literacy
__SPC 2608 Fundamentals of Speech
__STA 2023 G(M)Elem Stats-Business*
__ECO 2013 Principles of Macroecon
__ECO 2023 Principles of Microecon
__ENC 3250 Professional Communication
__MAR 3023 Principles of Marketing

Concentrations: Multimedia Journalism and Production; Public Relations
__MMC 1004 Media Literacy
__SPC 2608 Fundamentals of Speech
__STA 2023 G(M)Elem Stats-Business*
__ECO 2013 Principles of Macroecon
__ECO 2023 Principles of Microecon
__ENC 3250 Professional Communication
__MAR 3023 Principles of Marketing

CRIMINAL JUSTICE:
__STA 2014 G(M)Elem Stats-Hlth/SS
__CCJ 2002 Conviction 

ECONOMICS: (BA)
__ECO 2013 Principles of Macroecon
__ECO 2023 Principles of Microecon
__MAC 2311 G(M)Calculus I (rec.)

ENGLISH/DRAMA:
Two 1000/2000 level ENC courses.

FRENCH STUDIES:
__FRE 1120 Beginning French I
__FRE 1121 Beginning French II
__FRE 2240 Intermediate French I
__FRE 2241 Intermediate French II

HISTORY:
Two 1000/2000 level courses

(AMH/AFH/AEH/UM/LAH/WH prefix)
Additional lower level history courses (rec.)
__STA 2014 G(M)Elem Stats-Hlth/SS (rec.)

INTERDISCIPLINARY STUDIES:
Prerequisites to be determined

INTERNATIONAL STUDIES:
Must complete through the intermediate level in a foreign language sequence

MATHEMATICS:
__MAC 2311 G(M)Calculus I #
__MAC 2312 G(M)Calculus II
__MAC 2313 G(M)Calculus III
__MAP 2302 G(M)Ordinary Diff. Eq.
__1 Lab Science for Science Majors
__1 Computer Programming Course
(COP 2220 preferred)

MUSIC: (BA and BM)
__Music Theory I, II, III, IV
__Aural Theory I, II, III, IV
__Four Semesters of Applied Music
__Four Semesters of Music Ensemble
__Four Semesters of Performance Lab
__Four Semesters of Concert attendance
__Proficiency in Class Piano

JAZZ STUDIES: (BM)
__Music Theory I, II, III, IV
__Aural Theory I, II, III, IV
__Four Semesters of Applied Music
__Four Semesters of Jazz Ensemble
__Four Semesters of Performance Lab
__Four Semesters of Concert attendance
__Proficiency in Class Piano

MUSIC EDUCATION:
Same prerequisites as listed under Music including the following:
__EDF 1005 Intro to the Teaching Profession
__EDF 2085 Intro to Diversity for Educators
__EME 2040 Intro to Technology For Educators
__Sophomore Review of Applied Music

PHILOSOPHY:
Two 1000/2000 level PHI courses (rec.)

PHYSICS: (General, Astrophysics, Pre-Medical, Material Science, Computer, Civil, Electrical, Mechanical)
__CHM 2045/L General Chemistry I w/Lab*
__CHM 2046/L General Chemistry II w/ Lab
__MAC 2311 G(M)Calculus I #
__MAC 2312 G(M)Calculus II
__MAC 2313 G(M)Calculus III
__PHY 1024 Intro to Physics for Majors
__PHY 2048/L Calculus Physics I w/Lab
__PHY 2049/L Calculus Physics II w/Lab

POLITICAL SCIENCE:
__POS 2041 Intro to American Govt
__STA 2014 G(M)Elem Stats-Hlth/SS (rec.)
Choose 1 - (both rec.)
__INR 2002 Intro to Int'l Relations
__CPO 2002 Comparative Politics

PSYCHOLOGY/CHILD PSYCH: (BA and BS)
__PSY 2012 Intro to Psychology
__1 additional lower level psychology course
__STA 2014 G(M)Elem Stats-Hlth/SS
__BSC XXXX 3 credit biology course
__PSY 3021 Professional Opportunities in Psych Seminar

RELIGIOUS STUDIES:
__REL 2300 Comparative Religion (rec.)

SOCIAL WORK:
__POS 2041 Intro to American Govt
__PSY 2012 Intro to Psychology
__SYG 2000 Intro to Sociology
__BSC XXXX 3 credit biology course
__ECO 20XX 3 credit economics course
__STA 2014 G(M)Elem Stats-Hlth/SS

SOCIOLOGY:
__SYG 2000 Intro to Sociology
__1 additional lower level sociology course
__STA 2014 G(M)Elem Stats-Hlth/SS

SPANISH:
__SPN 1120 Beginning Spanish I
__SPN 1121 Beginning Spanish II
__SPN 2200 Intermediate Spanish I
__SPN 2201 Intermediate Spanish II

STATISTICS:
__MAC 2311 G(M)Calculus I #
__MAC 2312 G(M)Calculus II
__1 statistics course
__2 lab science courses for science majors
__1 Computer Programming Course
(COP 2220 preferred)

UNIVERSITY OF NORTH FLORIDA
**College of Business**

**Accounting/Economics/Finance/Financial Services/Marketing/Management/International Business/Transportation:**
- MAC 2233 G(M)Calculus for Business*
- STA 2023 G(M)Elem Stats-Business*
- CGS 1100 Microcomputer App Software
- COP 2551 Intro To Object Oriented Programming
- SPC 4064 Public Speaking for Professionals (preferred)

**Building Construction Management:**
- MAC 2233 G(M)Calculus for Business*
- STA 2023 G(M)Elem Stats-Business*
- ECO 2013 Principles of Macroecon
- ECO 2023 Principles of Microecon
- CGS xxxx
- ACG 2021 Principles of Financial Accounting*
- ACG 2071 Principles of Managerial Accounting

International Business majors must complete through the intermediate level in a foreign language sequence. Both International Business and Economics require an international experience.

**College of Computing, Engineering & Construction**

**Engineering:**
- MAC 2311 G(M)Calculus I #
- MAC 2312 G(M)Calculus II
- MAC 2313 G(M)Calculus III
- MAP 2302 G(M)Ord. Diff. Equations
- CHM 2045/L General Chemistry I w/Lab*
- PHY 2048/L Calculus Physics I w/Lab
- PHY 2049/L Calculus Physics II w/Lab
- EGN 1001C Intro to Engineering #
- FSC 2200/L Intro to Environmental Studies

**Computer & Information Sciences:**

**Concentration: Computer Science**
- MAC 2311 G(M)Calculus I #
- MAC 2312 G(M)Calculus II
- PHY 2048/L Calculus Physics I w/Lab
- PHY 2049/L Calculus Physics II w/Lab
- COP 2220 Computer Science I
- Select 2 science courses for science majors
- CPC 4064 Public Speaking for Professionals (preferred)

**Concentration: Information Technology**
- MAC 2233 G(M)Calculus for Business*
- STA 2023 G(M)Elem Stats-Business*
- CGS 1570 Microcomputer App Software
- COP 2551 Intro To Object Oriented Programming
- COP 2010 Intro to Visual & Procedural Programming
- SPC 4064 Public Speaking for Professionals (preferred)
- ECO 2013 Principles of Macroecon
- ECO 2023 Principles of Microecon
- ACG 2021 Principles of Financial Accounting*
- ACG 2071 Principles of Managerial Accounting

**Health Science:**

**Concentration: Community Health**
- BSC 1010C General Biology I
- CHM 2045/L General Chemistry I w/ Lab*
- BSC 2085C Anatomy/Physiology I @
- BSC 2086C Anatomy/Physiology II
- MCB 2010C Microbiology @, *
- MAC 1105 G(M)College Algebra
- STA 2014 G(M)Elem Stats-Hlth/SS
- HSC 2100 Intro to Psychology

**Concentration: Information Technology**
- BSC 1010C General Biology I
- CHM 2045/L General Chemistry I w/ Lab*
- BSC 2085C Anatomy/Physiology I @
- BSC 2086C Anatomy/Physiology II
- MCB 2010C Microbiology @, *
- MAC 1105 G(M)College Algebra
- STA 2014 G(M)Elem Stats-Hlth/SS
- HSC 2100 Intro to Psychology

**Concentration: Exercise Science**
- BSC 1010C General Biology I
- CHM 2045/L General Chemistry I w/ Lab*
- BSC 2085C Anatomy/Physiology I @
- BSC 2086C Anatomy/Physiology II
- MCB 2010C Microbiology @, *
- MAC 1105 G(M)College Algebra
- STA 2014 G(M)Elem Stats-Hlth/SS
- HSC 2100 Intro to Psychology

**Note:** Courses with "C" at the end of course number indicate lecture and lab combined. (Ex: BSC 1010C).
Courses with "L" indicate 1 credit lab is separate from the lecture. (Ex: CHM 2045/L)

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* preq of MAC1105- College Algebra
@ preq of BSC1010C- Gen Biology I w/ B or higher
# preq of MAC1147- Pre-calculus
+ preq of CHM2045/2045L- Gen Chem I & Lab
^ preq of PHY2053/L- Alg Physics I & Lab

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Note: Courses with "C" at the end of course number indicate lecture and lab combined. (ex. BSC 1010C).
Courses with "L" indicate 1 credit lab is separate from the lecture. (ex: CHM 2045/L)