

2018-2019

# Welcome to UNF

It is our pleasure to welcome you to the University of North Florida and to your orientation program! We have designed the program with you in mind. The information you receive at orientation will help you become better acclimated to UNF.



We believe that orientation is a process, not merely an event. As you learn more about the University – today and in the coming months – you may have more questions. We hope this guide will answer your questions and address important elements of your academics here at UNF.

Should you have any questions regarding your transition to the University, please know that we are here to help you and address your concerns.

Again, welcome to the UNF community.

## Contents

- |           |                           |           |                                    |
|-----------|---------------------------|-----------|------------------------------------|
| <b>2</b>  | College 101               | <b>22</b> | Prerequisites for Intended Majors  |
| <b>4</b>  | The First Year Experience | <b>24</b> | Electives                          |
| <b>6</b>  | Advising at UNF           | <b>26</b> | Getting Ahead                      |
| <b>8</b>  | Scheduling Your Classes   | <b>28</b> | Advanced Placement Credit          |
| <b>10</b> | General Education         | <b>30</b> | International Baccalaureate Credit |
| <b>12</b> | Course Descriptions       | <b>32</b> | Important Phone Numbers            |

# College 101

**Just as you may have found when you entered high school, you will discover that UNF offers entirely new opportunities and challenges that will require you to build on old skills as well as develop new ones.**

 **UNF Osprey Tip**  
**You can't succeed in class without going to class.**

Remember, you are here to get an education, both within and outside of the classroom. UNF provides many opportunities and support systems to aid you as you mature in all facets of your life.

At UNF, administrators, professors and advisors expect students to take an active role in their education. However, we realize that in this new phase students sometimes do not even know what to ask. We hope this orientation guide helps begin the process of empowering you, and that as you learn more and discover new questions, you will use the resources listed here. This guide will serve you as a new student at UNF and provide you with helpful information as you work toward graduation.

In order to reach your goal of graduation, you need to know about UNF's academic structure and what is required to attain a degree in whatever field you choose. This is just an overview; we encourage you to talk with your advisors about different plans and the best path for you.

## Academics at UNF

### University Structure

The University of North Florida has six colleges: the College of Arts and Sciences, the Brooks College of Health, the Coggin College of Business, the College of Computing, Engineering and Construction, the College of Education and Human Services and the Hicks Honors College. UNF's College of Arts and Sciences is our largest college and is also where most general education courses are taught.

### Degree Components

Basic degree requirements include three kinds of courses: general education, major and electives.

**General Education.** General education courses are a great way to explore different areas as you decide on your major. General education courses include:

- Communication - 3 courses (9 credits)
- Critical Thinking - 4 courses (12 credits)
- Quantitative Reasoning and Analysis and Scientific Method - 3 or 4 courses (12 credits)
- Cross-Cultural Awareness, Experiential Learning or Integrative Learning - 1 course (3 credits)

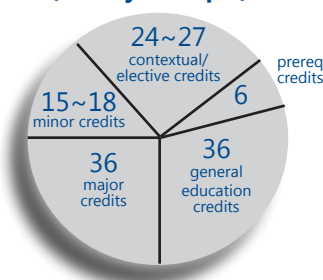
It is important to note that the courses that best satisfy general education requirements will vary for different majors. You should consult with your academic advisor as you decide on a major so you will select appropriate courses to fulfill your requirements.

**Majors.** To attain a degree you must choose a major. UNF offers 55 majors with over 70 different concentrations. Majors are designed to expose students to a depth of knowledge in a specific field of study. There are often opportunities within your major to do research or pursue a sub-field of interest.

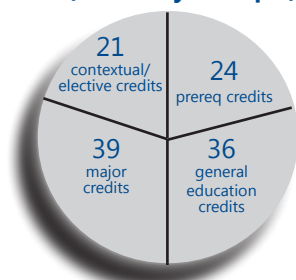
**Electives.** Electives help you fulfill remaining graduation requirements and are a great way to explore different interests. Although electives are not general education requirements, they can help expand your skill set.

**Minors.** While you are completing your major requirements, depending on your college, you may be able to pursue a minor. Some programs of study require a student to complete a minor; for others, a minor is optional, but can be used to complement your major area of study.

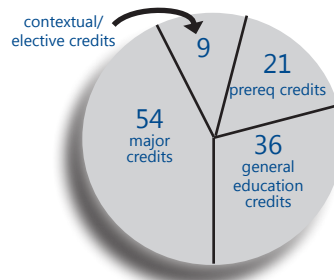
### Bachelor of Arts (history example)



### Bachelor of Science (chemistry example)



### Bachelor of Business Administration



## Inside the Classroom

**Credit hours.** In high school you probably took classes in a traditional format or block schedule. At UNF, classes are set up on a credit-hour format, which roughly corresponds to the number of hours you spend in the classroom each week. Usually, classes are 3 credit hours, but can be anywhere between 1 and 4 credit hours.

A bachelor's degree consists of a minimum of 120 credit hours, depending on the specific degree. The total number of credit hours you earn each year determines your class level (freshman, sophomore, etc.). For most degrees, a student must complete a minimum of 30 credit hours a year (fall, spring, and summer) to stay on track for graduation in four years. Work with your academic advisor to outline a timely graduation plan.

**Professors.** Professors are responsible for coordinating course material and giving the lectures for most classes. Getting to know your professors can enhance the learning environment. Additionally, knowing professors is a great way to get a feel for a certain field of study you may want to pursue. Many professors spend part of their time doing research; this keeps them connected to current trends and can help them provide information about what a field may look like in years to come. Professors also appreciate students who ask questions and take time to explore issues outside of class.

**Studying.** In high school, you probably spent around 35 hours a week in school. A typical course load at UNF can be anywhere from 12 to 18 hours. This means you will spend about that much time in class each week. In high school, teachers may have allowed time during class to do readings or homework; at UNF, most class time will be devoted to lecturing, discussion or lab work.

You will be expected to do most of your studying on your own and probably more than you did in high school. Many professors recommend you spend at least two hours studying per week for every credit hour in class. For a 3-credit hour course,

that means a minimum of 6 hours of studying outside of class. For a 15-credit hour semester, total time spent in class and outside should be at least 45 hours a week.

You will not have the structure that high school provided, so you will need to develop time management skills in order to be successful at UNF. School is your job! While this may seem like a lot of time, you will still be able to have a social life, get involved on campus, and even have a part-time job. Doing all of this will make you very busy, and good time management skills are a must.

**Attendance.** Students are expected to go to their class every time it meets. During examinations, you will be responsible for any material covered in lecture that might not be in your textbook. Additionally, some departments administratively drop students who do not attend the first day of class.

**Placement.** When you enter UNF, you will be placed into the appropriate math and English classes based on your placement tests and prior courses taken through accelerated mechanisms. Students will also be able to take a foreign language placement assessment for Spanish, French, German or Chinese.

**Transfer Credit.** It is important that all transcripts from other colleges or universities are sent to UNF as soon as grades have been posted. Having up-to-date information is important for your advising appointments so you and your advisor know what requirements you have fulfilled. It is also important because your enrollment level depends on the number of credit hours completed.

You should speak with an advisor before you take classes at other schools, so you are sure the credits will transfer appropriately to UNF.

### Time Breakdown for a student

<b>Total hours in a week</b>	<b>168</b>
<b>Sleeping</b> (8 hours a day)	<b>56</b>
<b>Eating</b> (2 hours a day)	<b>14</b>
<b>Grooming</b> (1 hour a day)	<b>7</b>
<b>Class time</b> (15 credit hours)	<b>15</b>
<b>Studying</b> (2 hours for each credit hour)	<b>30</b>
<b>Miscellaneous</b>	<b>7</b>
<b>Total Hours</b>	<b>129</b>
<b>Time available for work and co-curricular activities</b>	<b>39</b>

# The First Year Experience

**It's all about the first year. UNF places special emphasis on your freshman year experience on campus. We know that foundations built during this year are key to your success, so go ahead and get comfortable on campus, connect with the University, and start to think of UNF as home.**

## **UNF Osprey Tip**

**Managing your time well is a vital skill to being successful in college.**

**The earlier you learn your priorities and how to balance your time, the better you will do.**

**For additional information about Living-Learning Communities, visit:**

**Housing and Residence Life**  
Building 14B  
620-4663  
[www.unf.edu/housing/lc](http://www.unf.edu/housing/lc)

## Your First Year

At the University of North Florida we know that the first year is important in laying the right foundation for your success throughout your college career. The First Year Experience (FYE) is a student-centered initiative designed to assist first-year students in making a successful transition to college and to prepare you to make the most of your college experience. Below are your first steps to get involved with FYE!

### STEP 1 — Consider a Learning Community

Experiences that integrate your academic and social life create a deeper level of understanding and foster student success. The more you are academically and socially involved, the more likely you are to achieve your goals.

#### Living-Learning Communities

Living-Learning Communities allow students with similar academic interests to connect academics with residential life by taking classes together, living on the same floor in a residence hall, participating in out-of-class activities that enhance what they are learning in class, and creating meaningful relationships with faculty, staff and other LLC students. Listed below are some of the Living-Learning Communities available to you.

#### Healthy Osprey

This community is a collaboration of students, faculty and staff working together to foster a community that embraces the development of a healthy body, mind and spirit. As a participant in the Healthy Osprey LLC you will experience organic gardening, the high-ropes course, group fitness classes, healthy cooking demonstrations and much more.

Any first-year student committed to a substance-free lifestyle is welcome to join the Healthy Osprey community. You don't have to be a fitness guru or even in shape for that matter. Any student who wants to be an all-around healthy person can be a part of the community.

#### Business

This community assists you in becoming a competitive candidate for a career in business. The Coggin LLC creates a cohort of students interested in many areas of business. Applicable majors include business management, accounting, finance, financial management, economics, marketing, international business and transportation and logistics.

#### Honors

The Hicks Honors College is intentional in its efforts to create a living and learning environment within our Honors community. The goal is to create a seamless transition between learning in and outside of the classroom. Living-learning communities heighten student intellectual and personal growth and promote a greater degree of engagement in campus life.

#### Pre-Medical

This community assists you in becoming a competitive candidate for admission to professional schools in the medical field. The Pre-Med LLC creates a cohort of students interested in the medical profession. Applicable majors for this community include biology, chemistry and physics. Also, students interested in pursuing graduate programs in pharmacy, dentistry or veterinary medicine are welcome.

#### S.T.E.M. (Science, Technology, Engineering & Math)

This STEM LLC connects first-year students interested in pursuing a degree or career in science, technology, engineering and math. The living-learning community will help students develop academic and professional skills needed to succeed in their career and socially at UNF.

## STEP 2 — Register for Your First Year Experience Courses

### SLS 1106 - First Year Seminar

For many students, the transition from high school to college can be challenging. The First Year Seminar is a way to introduce students to the pressure of college and the demanding nature of university level classes.

First-year students are encouraged to take the **SLS 1106-First Year Seminar** course (offered as SLS 1990 during summer term). This course is designed to help students make a successful transition to the University. It aims to foster a sense of being part of a community, promote engagement in the academic and social life of UNF, articulate to students the expectations of the faculty, help students develop good learning practices and help them continue to clarify their academic and career goals.

### SLS 1930 - UNF Cares

After you take SLS 1106 consider **SLS 1930-UNF Cares**. This is a special topics community-based course intentionally designed for and offered for first-time-in-college (FTIC) students. Students are introduced to selected interdisciplinary topics and issues through activities in community settings that are designed to meet community needs. Students explore their individual strengths while considering how their assets can have a positive impact in the world.

While many University courses develop students' skills, knowledge, and expertise to pursue a career, this course provides a time for students to explore their purpose and place in this world. During the semester, students will connect with new people, new ideas, new places, and new challenges. Through this experience students may gain a clearer sense of purpose or begin to consider new directions. This is an opportunity to explore possibilities and use their strengths in real-world settings.

## STEP 3 — Attend Week of Welcome

Want to join in UNF traditions, get involved and engaged, and learn your way around campus? The Week of Welcome (WOW) will kick off the new school year with a series of events, programs and opportunities to help new Ospreys learn their way around UNF. Starting the Friday before classes begin and running through the first week of the term, WOW gives you a head start to flourish socially and academically by participating in campus programs, small group gatherings, events and school traditions.

Past Week of Welcome events have included:

- Ospreys Involved Extravaganza
- Tour the Museum of Contemporary Art
- Comedy Night
- New Student Convocation
- Welcome to College Luau
- Don't Mess the Nest
- Osprey Productions Movie Night
- Jax Life Fest
- Eco Adventures
- New Student Community Service Project
- Ozzie's Weekend

More information about Week of Welcome 2018 will be given to students during New Student Orientation.

## STEP 4 — Consider Getting Involved

Students who get involved on campus in both academic and co-curricular activities tend to have better grades and have a more enjoyable college experience overall. Though being at a university can feel intimidating at first, becoming involved with student organizations and connecting with university departments can quickly transform anxiety into comfort, and inevitably open doors to bigger opportunities. You will begin to establish relationships, create connections and define your First Year Experience.

Getting involved can take many forms. With more than 180 student organizations, multiple service opportunities, campus events and friendly people to help you find the right resources, finding your niche at UNF is simple.

Visit our Club Alliance website for a list of current student clubs and organizations at UNF. Also, talk with your academic advisor about student organizations within your major of interest.

For additional information about campus life, visit:

**Campus Life Office**  
Building 58E, Room 1313  
[www.unf.edu/campus-life](http://www.unf.edu/campus-life)

**Club Alliance**  
Building 58E, Suite 3003  
[www.unf.edu/cluballiance](http://www.unf.edu/cluballiance)

# Advising at UNF



## UNF Osprey Tip

**Establish a real relationship with your advisor. They can serve as a valuable resource on so many levels.**

### Policy on Confidentiality

FERPA, the Family Educational Rights and Privacy Act (Buckley Amendment), guarantees the privacy of student records.

Without your written permission, we cannot discuss your academic record with parents, friends, employers or other persons. When appropriate, student information may be shared among University officials.

To release your academic information, you must submit a Student Information Release Authorization obtained from One-Stop Student Services. This form must be re-submitted each academic year.

Students can grant parents access to their student records online via the Parent Portal in myWings.

## Advising at UNF

### How Advising Works

All students with less than 30 credits earned, who are not in the Hicks Honors College, report to First Year Advising (FYA) for all their academic advising needs. As a first-time-in-college student you will be assigned an advisor who will help you navigate your first year, clarify your short- and long-term goals, and prepare you for your upper-division coursework.

If you plan to apply to a limited access or selective admission program, your advisor will help you understand the requirements and process. Some college departments may talk to students considering their programs who are not yet admitted or declared. Your First Year Advisor can help you understand all options. You will meet with your assigned advisor during your orientation and throughout your first year at UNF.

Once students reach 30 credits, they become sophomores and begin seeing an advisor within the college of their chosen major. For students still exploring majors, they will continue to work with their assigned First Year Advisor until they have declared a major.

### Advising Expectations

Advising is a cooperative experience between you and your advisor. The goal of advising at UNF is to provide accurate and personalized academic information, educate you about your academic responsibilities, help you identify and integrate the many resources of the University, and assist and

advocate for you as you experience a variety of transitions at UNF. We strive to guide you towards your academic goals by providing information, references, and advice; however, we will not make choices for you. Ultimately, you are in control of your educational experience, with an advisor as a resource to help you succeed.

Advising at UNF is built around responsibility, resources and relationships.

#### 1. Responsibility

- Schedule regular visits.
- Take ownership.
- Be prepared.
- Follow through.

#### 2. Resources

- Learn policies, procedures and requirements.
- Take advantage of opportunities.
- Use academic tools: degree evaluation, Osprey Map, UNF catalog.
- Read your UNF e-mail.

#### 3. Relationships

- Foster open communication.
- Clarify your values, abilities, interests and goals.
- Build a connection.
- Remember advising is always a two-way street.

### UNF Advising Structure

**Newly Admitted Students**

#### First Year Advising

All students with less than 30 credits, sophomores who are still exploring majors, and those not in the Honors College.

#### Hicks Honors College

Students in the Honors College are advised by their Honors Advisor.

#### College Advising

Once students reach 30 credits and have declared their major, they transition from FYA to an advisor within the college which houses their major.

## Advising After Orientation

At the beginning of each semester, your individual First Year Advisor will e-mail you with important academic information. You will begin preparing in October for spring enrollment and in March for summer and fall enrollment. You will meet individually with your advisor to discuss courses, majors, and other opportunities, such as undergraduate research and study abroad.

## Four Steps To Graduating

Make a four-year degree a priority by:

1. Completing an average of 30 credits each year that apply toward degree requirements. You need 30 hours to be a sophomore, 60 to be a junior, and 90 to be a senior.
2. Meeting the grade point average and course requirements required by your intended major.
3. Making a decision about and declaring your major no later than the beginning of your sophomore year.
4. Meeting regularly with your academic advisor to review degree progress.

## Meet With Your Advisor Early and Often!

Your academic advisor can:

- Help you create an academic plan that will allow you to discover and pursue your academic interests and achieve your goals.
- Help you decide on a major (and minor, if applicable) best fitted to your skills, interests and future goals.
- Inform you about course options, degree requirements, university policies and procedures.
- Be a resource in making UNF work for you.

## Choosing A Major

Many students enter college without having made a decision about a major or career. Some students make a commitment to a career, then change their minds. Over a lifetime, the average professional makes three to five career changes.

Selecting a career is one of the most important life decisions you will make. To help you make an informed choice, there are many resources that enable you to investigate your interests, abilities and suitability for different kinds of work. The Office of Career Services may be especially useful.

Choosing a major that leads to a career is a process that includes investigating options, talking to those who are familiar with job opportunities in various areas, and spending your first year exploring your abilities and preferences. The First Year Advisors and the college advising offices are available to discuss declaring a major and the process.

## Attend a Major Information Session

Some departments offer internal information sessions about their majors. Contact your academic advisor or department of interest to receive more information.

## Consider a Career Planning Course

### EDG 2000 - Career Planning

This course is designed to assist students in identifying career interests, values, skills and personality characteristics that are relevant in choosing a college major and/or career. The course provides students with the opportunity to learn and practice career planning and decision-making models that may be used throughout life.

**For additional information about suitable majors, visit:**

**First Year Advising (FYA)**  
Founders Hall, Room 1200  
620-1012  
[www.unf.edu/ugstudies/FYA/](http://www.unf.edu/ugstudies/FYA/)

**Career Services**  
Building 2, Suite 1011  
620-2955  
[www.unf.edu/careerservices](http://www.unf.edu/careerservices)



## On the Internet

**Students can contact FYA and their academic advisor online at**  
[www.unf.edu/ugstudies/FYA/](http://www.unf.edu/ugstudies/FYA/)

**Students can also follow FYA on social media**

@unfUGStudies



Due to privacy issues, please only send e-mails from your UNF e-mail account, as advisors can only exchange personal academic information via your UNF e-mail account.

**Students can learn more about careers with specific UNF majors by going to**

[www.unf.edu/careerservices/majors](http://www.unf.edu/careerservices/majors)

# Scheduling Your Classes

## UNF Osprey Tip

### How to read the online course schedule ...

#### Prefix and Course Number:

The prefix includes the first three letters designating the subject. The course number is the 4-digit number designating the level of the course. For instance, 1000 and 2000 courses are freshman and sophomore level courses.

#### CRN:

The Course Registration Number, or CRN, is the number a student uses when registering for a class in myWings. It identifies a specific section of a specific course.

#### Restricted Sections:

Some sections of a course are reserved for a certain population of students. For example, courses with an "(H)" in the title are honors courses restricted to students in the Honors College and sections with "DP" require departmental permission to take.

#### Days and Dates:

Check under the "Days" column to determine which days during the week a class meets. The days are indicated with M, T, W, R (or Th) and F.

Check under the "Dates" column to know when the course will begin and end during the term.

## Sample Course Schedule - (example given for a nutrition major)

Typically, a fall semester should consist of five courses.

1st Course - Communication course

2nd Course - Math course: This course will depend on your math placement results, any math college credit you earned in high school and your major.

3rd & 4th Courses - These will be based on your intended major.

5th Course - This course can be for general education, based on your intended major or an elective.

	Course Number	Course Title	Credits
Course #1	<i>ENC 1143</i>	<i>Intro to Rhetoric &amp; Narrative</i>	<i>3 cr.</i>
Course #2	<i>MAC 1105</i>	<i>College Algebra</i>	<i>3 cr.</i>
Course #3	<i>BSC 1010C</i>	<i>General Biology I</i>	<i>4 cr.</i>
Course #4	<i>HUN 2201</i>	<i>Basic Principles of Human Nutrition</i>	<i>3 cr.</i>
Course #5	<i>POS 2041</i>	<i>Intro to American Govt</i>	<i>3 cr.</i>
<b>Total Credit Hours</b>			<b>16 cr.</b>
Alternate	<i>PHI 2010</i>	<i>Intro to Philosophy</i>	<i>3 cr.</i>
Alternate	<i>GEO 2420</i>	<i>Cultural Geography</i>	<i>3 cr.</i>

During your orientation, you will be assigned a time to meet with an academic advisor individually. At that meeting, your advisor will assist you in finalizing a tentative schedule of courses. After your advising session, you will register for the courses you selected through our online registration system.

To get the most out of your advising session, you need to be prepared to ask questions and answer questions that will help determine which courses are appropriate for your skills, abilities and interests. Before your advising appointment, it's important that you take some time to do the following:

**Review the general education section in this guide.** You can also refer to the prerequisites and foundation courses for intended majors information to help you select courses you would like to take during your first semester.

**Create a tentative schedule.** Most full-time students take approximately 15 to 16 credits during their first fall semester. Think about the number of credits you want to take while creating a tentative schedule and use the following page to list your choices. It is important that you also choose two alternate courses to substitute for a class that may

be filled by the time you register. Please note that placement test results will determine some of the courses you will take during your first semester.

**Create a list of questions for your advisor.** If you are unclear about general education and major requirements, write down specific questions to ask your advisor. If you are exploring disciplines and have questions about potential majors, list the questions you have. If applicable, ask your advisor about any credits you are receiving through AP, IB, AICE, dual enrollment or CLEP exams. If UNF has received official documentation that states you received college credit for particular courses, your advisor will have that information. If the advisor does not have the information, don't panic. Inform your advisor about credits you will receive so you will not enroll in a course already completed. Once the semester begins, you should contact One-Stop Student Services to determine if the official test scores or transcripts have been received.



There is a lot of information to cover during your orientation advising visit. If you find you did not have enough time to get all your questions answered, or if you need clarification on any academic information given to you during orientation, we encourage you to contact your advisor early in the semester.

### Online Registration

Students will be cleared to register for classes after they meet with their advisor during orientation.

**STEP 1** - Before registering, students will need to be able to log into myWings, our UNF computer system.

- Go to [www.unf.edu](http://www.unf.edu) and click on the myWings icon at the top right.
- Click on "Try UNF's New Portal." Sign in using your N# and password. Your N# is your UNF login ID#. It is case sensitive.  
*(If you do not know your N# and password, click on "Login Help" and follow the instructions.)*

**STEP 2** - Once you are logged into myWings, you will need to clear your holds before you can register.

- Click on the "Holds" tile
- Follow directions to clear holds.

**STEP 3** - Now you are ready to register for classes. To register, follow these instructions:

1. Click on the "Student Resources" tile, then choose "Registration Tools", then choose "Look Up Classes."
2. Select the term for which you are registering.
3. Choose the subject (3-letter prefix) for the course you choose to take, then click course search.
4. Scroll down until you see the course number (4-digit number) and title of the course you want, then click "View Sections" button.
5. Check the box next to the course you would like to take, scroll down to the bottom of the page and click on "Register Now."

*(Note: Courses with a "C" in the first column are already full, i.e. closed.)*

Repeat step 3 for all of your classes. Once you have completed registration, you can view your schedule by clicking on the "Registration" link at the bottom of the page, then selecting the "Student Schedule by Day & Time" or "Student Detail Schedule" link.

### Osprey Course Scheduler

Students can use Osprey Course Scheduler found in myWings to generate multiple class schedule options and choose the one that best fits their needs.



### On the Internet

#### Academic Calendar

For important enrollment dates, go to [www.vems.unfcsd.unf.edu/MasterCalendar/MasterCalendar.aspx](http://www.vems.unfcsd.unf.edu/MasterCalendar/MasterCalendar.aspx)

#### Course Schedule

The course schedule is available online through myWings about three or four weeks before registration begins each semester.

#### Textbooks for Class

For information regarding textbooks for your classes, stop by the UNF Bookstore or visit [www.bkstr.com/northfloridastore/home](http://www.bkstr.com/northfloridastore/home)

## Your Tentative Fall Schedule

Use the instructions on the previous page, along with the information below and on the following pages to begin planning your future schedule.

- General Education information (see pages 10-11)
- Prerequisites and Foundation Courses for Intended Majors information (see pages 22-23)
- Elective information (see pages 24-25)

You will review these options with a First Year Advisor during orientation.

	Course Number	Course Title	Credits
Course #1			
Course #2			
Course #3			
Course #4			
Course #5			
<b>Total Credit Hours</b>			
Alternate			
Alternate			

# General Education

**The key purpose of General Education is to provide the components of a liberal education that develop and cultivate the capacities required for effective social, intellectual and cultural engagement in a diverse democratic society and global environment.**

## 1. Communication - 9 credits

This category of competencies requires that students demonstrate the ability to communicate effectively in writing, electronic formats, and/or orally, and explain one's communicative decisions and practices.

Take the following state-required Communication course:

ENC 1101 G(W) Introduction to Rhetoric and Writing

Take the following UNF required course:

ENC 1143 G(W) Introduction to Rhetoric and Narrative

Choose one of the following for your third Communication course:

CRW 2000	G(W) Introduction to Creative Writing	3
CRW 2100	G(W) Introduction to Fiction Writing	3
CRW 2201	G(W) Introduction to Creative Non-Fiction	3
CRW 2300	G(W) Introduction to Poetry Writing	3
CRW 2400	G(W) Introduction to Playwriting	3
CRW 2600	G(W) Introduction to Screenwriting	3
CRW 2930	G(W) Special Topics in Creative Writing	3
ENC 2210	G(W) Technical Writing	3
ENC 2441	G(W) Writing Topics: Fine Arts	3
ENC 2442	G(W) Writing Topics: Humanities	3
ENC 2443	G(W) Writing Topics: Literature	3
ENC 2450	G(W) Writing Topics: Natural Science	3
ENC 2451	G(W) Writing Topics: Health	3
ENC 2460	G(W) Writing Topics: Business	3
ENC 2461	G(W) Writing Topics: Social Sciences	3
ENC 2462	G(W) Writing Topics: Education	3
ENC 2463	G(W) Writing Topics: Engineering <i>(recommended for Engineering majors)</i>	3
ENC 2930	G(W) Special Topics in Composition	3
ENC 3250	G(W) Professional Communications <i>(required for Communication majors; recommended for Building Construction majors)</i>	3

*Note: ENC 1102 will fulfill the third course requirement if transferred in from another school. We do not teach this course at UNF.*

## 2. Critical Thinking - 12 credits

This category requires that students (1) demonstrate the ability to understand and apply different qualitative methods of inquiry, interpretation, evaluation and judgment; (2) explain, illustrate and evaluate different kinds of argumentation and evidence; (3) examine behavioral, social and cultural issues, including human social behavior and its consequences, from various points of view; and (4) reflect critically upon the human condition and experience.

Choose one of the following from the state-required Humanities courses:

ARH 2000	Art Appreciation	3
HUM 2990	Introduction to Humanities	3
LIT 2000	Introduction to Literature	3
MUL 2010	G(W) Music Literature	3
PHI 2010	G(W) Introduction to Philosophy	3
THE 2000	Theater Appreciation	3

Choose one of the following from the state-required Social Science courses:

AMH 2020	U.S. History Since 1877	3
ANT 2000	Introduction to Anthropology	3
ECO 2013	Principles of Macroeconomics	3
POS 2041	Introduction to American Government	3
PSY 2012	Introduction to Psychology	3
SYG 2000	Introduction to Sociology	3

Choose two additional courses from the Humanities or Social Science courses listed above or from the following:

ARH 2050	Art History Survey I	3
CCJ 2002	Crime in America	3
FIL 2000	Film Appreciation	3
GEO 2420	Cultural Geography	3
HSC 2100	Personal and Public Health	3
MUH 2012	Enjoyment of Music	3
MUH 2017	History and Appreciation of Rock	3
MUH 2018	The Evolution of Jazz	3
MUT 1011	Fundamentals of Music	3
MUT 1111	Music Theory I <i>(must have music proficiency)</i>	3
PHI 2100	G(W) CT: The Art of Reasoning	3
PHI 2630	G(W) CT: Ethical Issues	3
WOH 1012	G(W) World History I	3
WOH 1022	G(W) World History II	3

### 3. Quantitative Reasoning and Analysis and Scientific Method - 12 credits

This category requires that students demonstrate the ability to determine appropriate mathematical and computational models and methods in problem-solving and recognize and comprehend fundamental concepts, principles and processes about the natural world.

Choose one of the following from the state-required Mathematics courses:

MAC 1105	G(M) College Algebra	3
MGF 1106	G(M) Finite Math	3
MGF 1107	G(M) Explorations in Math	3

*Note: Higher-level courses in math will satisfy this requirement. Those courses can include STA 2023, STA 2014, MAC 1114, MAC 2233 and MAC 2311.*

Choose one of the following from the state-required Natural Science courses:

AST 2002	Basic Astronomy	3
BSC 1005C	Principles of Biology (for non-science majors)	4
BSC 1010C	General Biology (for science majors)	4
CHM 1020	Chemistry for Liberal Studies	3
CHM 2045	General Chemistry I	3
ESC 2000	Earth Science	3
PHY 1020	Introduction to Physics	2
PHY 2048	Calculus Physics I	4
PHY 2053	Algebra Physics I	3

*Note: EVR X001 will fulfill this requirement if transferred in from another school. We do not teach this course at UNF.*

*Higher-level courses in natural sciences will satisfy this requirement.*

Choose additional courses from the above lists or from the additional courses listed below to reach 12 credits total. One credit must be a lab component.

MAC 1101	G(M) Intensive College Algebra	4
MAC 1147	G(M) Precalculus	4
MGF 1113	G(M) Math for Teachers	3
PHI 2101	G(M) Intro to Logic	3
IDC 2000	The Beauty and Joy of Computing	3
BSC 1930	Current Applications in Biology	2
CHM 1025	Introduction to Chemistry	2
GLY 2010	Physical Geology	3
HUN 1001	Introduction to Nutrition Science	2
HUN 2201	Basic Principles of Human Nutrition	3
PHY 1033	Discovering Physics	3
AST 2002L	Basic Astronomy Lab	1
CHM 1025L	Introduction to Chemistry Lab	1
CHM 2045L	General Chemistry I Lab	1
ESC 2000L	Earth Science Lab	1
PHY 1020L	Introduction to Physics Lab	1
PHY 2048L	Calculus Physics I Lab	1
PHY 2053L	Algebra Physics I Lab	1

### 4. Cross-Cultural Awareness, Experiential Learning or Integrative Learning - 3 credits

This category requires that students develop, strengthen, extend and demonstrate the ability to identify, explain and analyze the implications of cross-cultural issues, ideologies and the contributions that people of diverse backgrounds bring to a multicultural world.

Choose one of the following:

ANT 2423	Kinship and Family	3
ASN 2003	Introduction to Asia	3
EDF 2085	Intro to Diversity for Educators	3
MMC 2701	Communicating Across Cultures	3
PUP 2312	Race/Gender/Politics	3
REL 2300	Comparative Religion	3
SYG 2013	Sex, Race and Class	3

*Note: There are additional upper-level courses that will meet the cultural diversity requirement. Study abroad courses or internship courses at the upper-level may fulfill this requirement as well. Consult your advisor for more information.*

*Students can also choose one additional course from one of the first three general education categories.*

**Total Required for General Education: 36 credits\***

**\*A minimum grade of C is required for all general education requirements.**

**\*College-Level Communications and Computation Skills State Rule 6A-10.030 - also known as Gordon Rule**

Students must have four Gordon Rule Writing (GW) courses and two Gordon Rule Math (GM) courses with grades of C or higher in order to satisfy state-mandated graduation requirements.

**\*Civic Literacy State Statute 1007.25**

Students initially entering a Florida College System institution or state university must demonstrate competency in civic literacy through successful completion of a civic literacy course or by achieving a passing score on an assessment.

# Course Descriptions

## Communication Courses

**Every society possesses a wealth of stories, poems, essays, plays and films that name, celebrate and question the world. Through close attention to these texts, English investigates, translates and communicates culture, language, art and commerce.**



### UNF Osprey Tip

#### Writing Center

You can go to the Writing Center for help with anything you are writing, for any subject.

For more information, go to [www.unf.edu/coas/english/wc/aboutwc.aspx](http://www.unf.edu/coas/english/wc/aboutwc.aspx), or contact the Writing Center at 620-5394.

Building 4, Room 2500

Students must complete **nine credits of communication courses** to fulfill general education requirements here at UNF. The communication course sequence consists of ENC 1143, ENC 1101 and a third course from the listed options.

**ENC 1101** - G(W) Intro to Rhetoric & Writing  
This course is an introduction to writing at the college level. 3 credits

**ENC 1143** - G(W) Intro to Rhetoric & Narrative  
This course introduces students to basic rhetorical features of a range of texts in different genres, with a focus on the elements of narrative. Students will learn how to read critically in preparation for writing critically on the course texts. 3 credits

**Additional Communication Course:** Select one from list below:

**CRW 2000** - G(W) Intro to Creative Writing  
*Prerequisite:* ENC 1143 and ENC 1101  
In this course, students read works from a variety of literary genres, produce samples of work in each genre, develop production critiques of one another's work within a workshop setting, and revise at least one of their samples. This course is for students who want to develop basic skills in more than one genre of creative writing. 3 credits

**CRW 2100** - G(W) Intro to Fiction Writing  
*Prerequisite:* ENC 1143 and ENC 1101  
In this course, students study the basic techniques used by both canonical and contemporary fiction writers to build convincing and compelling worlds, characters and plots. Students will then work to apply those techniques to their own fiction. 3 credits

**CRW 2201** - G(W) Intro to Creative Non-Fiction  
*Prerequisite:* ENC 1143 and ENC 1101  
In this course, students examine the narrative possibilities of creative nonfiction. They explore structure, technique and authorial presence in representative works of established subgenres, including literary journalism, travel writing, memoir, and the personal essay, as well as more experimental forms like the lyric essay and collage. 3 credits

**CRW 2300** - G(W) Intro to Poetry Writing  
*Prerequisite:* ENC 1143 and ENC 1101  
This course allows students to explore the fundamentals and craft of poetry. Students will learn the difference between poetry and prose, as well as how to identify the attributes that make poetry a unique and expressive art form. Students will read and memorize poems by master poets, whose work will be the focus of analysis. Learning to explicate great poetry will provide students with skills they can apply to their own poetry. 3 credits

**CRW 2400** - G(W) Intro to Playwriting  
*Prerequisite:* ENC 1143 and ENC 1101  
This course introduces students to the art and craft of playwriting. Students will read plays and analyze their basic elements—including dramatic action, characterization, dialogue and the shape and pacing of scenes. In order to understand the nature of drama from the perspectives of actor, director and audience as well as playwright, students will write scenes and perform them, a process that will involve staging and directing those scenes. 3 credits

**CRW 2600** - G(W) Intro to Screenwriting  
*Prerequisite:* ENC 1143 and ENC 1101  
This course examines the basic formal elements of screenplays—including characterization, dialogue, scene structure, plot construction, genre conventions and formatting requirements. Students will critically analyze screenplays by the great authors of the 20th century. The students' major project will be to write a short motion picture or television screenplay of their own. 3 credits

**ENC 2210** - G(W) Technical Writing  
*Prerequisite:* ENC 1101  
This course introduces students to scientific, technical and professional writing with a focus on practical information about communicating in different workplace environments and professional/technical discourse communities. Students will analyze rhetorical situations and issues, resumes, memos, reports (progress, lab, etc.), proposals, technical descriptions, technical definitions and technical manuals. 3 credits

**ENC 2441** - G(W) Writing Topics: Fine Arts

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations within fine arts. This course will also require students to focus on the writing conventions and expectations in the fine arts. 3 credits

**ENC 2442** - G(W) Writing Topics: Humanities

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations and the study of humanities. This course will also require students to focus on the writing conventions and expectations in humanities. 3 credits

**ENC 2443** - G(W) Writing Topics: Literature

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations and the study of literature. This course will also require students to focus on the writing conventions and expectations in literature. 3 credits

**ENC 2450** - G(W) Writing Topics: Natural Science

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations within the natural sciences. This course will also require students to focus on the writing conventions and expectations in the natural sciences. 3 credits

**ENC 2451** - G(W) Writing Topics: Health

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations within health. This course will also require students to focus on the writing conventions and expectations in health. 3 credits

**ENC 2460** - G(W) Writing Topics: Business

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations within business. This course will also require students to focus on the writing conventions and expectations in business. 3 credits

**ENC 2461** - G(W) Writing Topics: Social Sciences

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations within social sciences. This course will also require students to focus on the writing conventions and expectations in social sciences. 3 credits

**ENC 2462** - G(W) Writing Topics: Education

*Prerequisite:* ENC 1101

This course introduces students to research-based writing in diverse academic and nonacademic situations within education. This course will also require students to focus on the writing conventions and expectations in education, as well as practice in writing in a variety of genres, including the argumentative essay. Students will practice addressing a variety of audiences and using research strategies relevant to education and related professional communities. 3 credits

**ENC 2463** - G(W) Writing Topics: Engineering

*Prerequisite:* ENC 1101

This course introduces students to rhetorical strategies needed for successful research-based writing in diverse academic and nonacademic situations within engineering. This course will also require students to focus on the writing conventions and expectations in engineering, as well as practice in writing in a variety of genres, including the argumentative essay. 3 credits

**ENC 3250** - G(W) Professional Communications

The primary emphasis of technical writing is on the basics of professional communication research, organization, grammar/mechanics/style. Attention will be paid to the forms of professional communication: letters, memos, and formal and informal reports. 3 credits

**Preparatory Writing**

The following is a preparatory writing course which may be required, but does not meet general education requirements at UNF.

**ENC 1130** - Intensive Writing

This course introduces students to the demands of college writing. Students work to produce strong sentences, paragraphs and essays that achieve the four Cs of good writing—clarity, cohesion, coherence and concision. Students also apply critical thinking skills through reading, writing and discussion. **Does not fulfill general education Communication or Gordon Rule requirement.** 3 credits

**Annual Writing Contest**

All students are encouraged to participate in the Annual Amy Wainwright Writing Contest each spring semester. In each category the annual prize is \$1,000. Along with the winner, the competition will name one other finalist in each category.

Entry categories include:

- Poetry
- Short Fiction
- Creative Nonfiction
- Scriptwriting

# Course Descriptions

## Critical Thinking Courses

**Exploration into the human experience adds to our knowledge about the world. The humanities preserve the great accomplishments of the past, help us understand the world we live in and give us tools to imagine the future.**

Students must complete **12 credits in critical thinking courses** to fulfill general education requirements at UNF. The following are the list of options for this requirement.

**Humanities:** Select one from the following:

**ARH 2000** - Art Appreciation

This course includes the study of visual elements, design principles, various techniques and media. Examples of Western painting, sculpture and architecture from prehistoric to present times will be examined. Local museum excursions are required. Elective for Art majors. 3 credits

**HUM 2990** - Intro to Humanities

This course introduces students to the humanities which addresses the fundamental questions of the human experience and provides opportunities and methods for thinking critically about our place in the world. 3 credits

**LIT 2000** - Intro to Literature

This course will introduce students to writing about literature with a focus on the close reading, critical analysis, and informed appreciation of different kinds of literary texts. 3 credits

**MUL 2010** - G(W) Music Literature

This course examines music and its role in culture: how it both shapes and is shaped by social, political, national, and cultural forces. Examples will illustrate music's connection to life in both historical and contemporary settings. No prior musical training is necessary. 3 credits

**PHI 2010** - G(W) Intro to Philosophy

This course introduces the student to the rudiments of philosophical thinking, which is designed to clarify the differences between philosophy and other human activities such as science and religion. The course will introduce students to a range of philosophical problems and methods. 3 credits

**THE 2000** - Theater Appreciation

This course is for students interested in understanding and appreciating one of the oldest art forms in the world. Students will read plays, analyze scripts, and attend and write about local productions. No acting experience is required. 3 credits

**Social Science:** Select one from the following:

**AMH 2020** - U.S. History Since 1877

A history of the United States since 1877 emphasizing industrialization and urbanization, the Progressive period, the New Deal, post-World War II domestic reform and the emergence of the U.S. as a world power. 3 credits

**ANT 2000** - Intro to Anthropology

An introduction to the critical issues in anthropology. The major subfields of archaeology, physical anthropology, linguistics and cultural anthropology are examined for an understanding of contemporary and past cultural issues such as the rise of civilization, origins of language and the roots of social inequality. 3 credits

**ECO 2013** - Principles of Macroeconomics

Introduction to the theory of income determination and national income accounting. Analysis of the use of monetary and fiscal policy to accomplish the goals of full employment, economic growth and price stability. 3 credits

**POS 2041** - Intro to American Government

This course provides a broad look at government in the U.S., introducing major institutions and American participants and considering various explanations of why our political system behaves as it does. The course reviews governmental response to major issues to illustrate both the power and limitations of our system of government. 3 credits

**PSY 2012** - Intro to Psychology

An introduction to the scientific study of human and animal behavior. The principles, theories and methods of psychology will be surveyed in the context of topics central to the development and present status of the discipline. 3 credits

**SYG 2000** - Intro to Sociology

A study of sociological concepts essential for an individual, society and social structure. General concepts that integrate the field are considered so more specialized courses may be understood in context. 3 credits

**"I think most of us sense that it is a responsibility of the humanities to try to help better the conduct of human beings in their lives and manifold professional activities."**

*~ J. Irwin Miller*

**Social awareness provides the basis for understanding how each of us shapes, and is shaped by, our society and culture, as well as recognizing the obligation to engage in ethical and safe behaviors.**

**Two remaining courses** are needed to fulfill the critical thinking requirement. Choose from the Humanities or Social Science courses listed on the previous page or from the courses listed below.

**ARH 2050** - Art History Survey I

This course is a survey of painting, sculpture and architecture from the Paleolithic era through the Medieval period. Monuments will be studied in relation to the cultural contexts of Western civilization. 3 credits

**CCJ 2002** - Crime in America

This course is an introduction to the study of criminology/criminal justice. The course includes topics on: the crime problem in the U.S.; crime patterns and criminal behaviors; explanations for crime; systems of justice designed to deal with crime and their underlying philosophies, and preventive strategies. 3 credits

**FIL 2000** - Film Appreciation

This course introduces students to the fundamental elements of film and the basic concepts used in analyzing and appreciating movies. Students will learn cinematic vocabulary and techniques as they have emerged and developed through the history of international cinema. 3 credits

**GEO 2420** - Cultural Geography

This course analyzes the characteristics of human behavior in different cultures throughout the world. The course focuses on the ways diverse cultures organize themselves spatially to adapt to their geographic area. 3 credits

**HSC 2100** - Personal and Public Health

This course examines U.S. health priorities with an emphasis on behavioral and social determinants of health. Material presented will raise levels of awareness and provide information needed to make informed health-related choices, encourage attitude change, and develop decision-making skills that facilitate healthier lifestyle behaviors. 3 credits

**MUH 2012** - Enjoyment of Music

An introduction to musical elements, forms and style periods with emphasis on composers' lives, individual styles and representative works. Designed to stimulate the student's love of music and to create listening skills. Music will be studied from the Medieval through the 20th century periods. 3 credits

**MUH 2017** - History and Appreciation of Rock

This course looks at and studies the origins and development of rock 'n' roll music from rhythm and blues, country and western, to current trends in pop and rock. Aural recognition of representative recordings will be required. 3 credits

**MUH 2018** - Evolution of Jazz

A historical survey of the evolution of jazz from primitive African elements through its fusion with Western hymns, work songs and military music. Various styles of jazz will be studied from Dixieland through modern/contemporary jazz forms. 3 credits

**MUT 1011** - Music Fundamentals

This course consists of an introduction to the materials of music such as rhythm, melody, tempo, dynamics, harmony, texture, tonality, timbre, form, style and mood. 3 credits

**MUT 1111\*** - Music Theory I

This course consists of an introduction to the basics of music theory and the techniques and concepts of voice leading as practiced during the common practice period. Required for all music majors. 3 credits

*\*Must audition and have proficiency in music. Priority given to Music majors.*

**PHI 2100** - G(W) CT: The Art of Reason

This course is an introduction to investigating logical ways of thinking. Students can expect to learn rules of argumentation and how to avoid fallacies. This course is very good preparation for careers in law and science. 3 credits

**PHI 2630** - G(W) CT: Ethical Issues

This course is an introduction to exploring the application of ethical norms to actual moral dilemmas. Students can expect to discuss problems such as abortion, euthanasia, capital punishment, preferential treatment, etc., as they relate to classical, ethical theories. 3 credits

**WOH 1012** - G(W) World History I

This course will provide a survey of world history from the earliest human prehistory to the later middle ages. It will introduce students to the major civilizations and societies of the world. It will trace key developments in political organization, religion, culture and society in the different regions of the world, and compare those developments in order to provide insight into human history. 3 credits

**WOH 1022** - G(W) World History II

This course will provide a survey of world history from the later middle ages to the present. It will introduce students to major civilizations and societies of the world. It will trace key developments in political organization, religion, culture and society in the different regions of the world, and compare those developments in order to provide insight into human history. 3 credits

**"A politician needs the ability to foretell what is going to happen tomorrow, next week, next month and next year. And to have the ability afterwards to explain why it didn't happen."**

*~Winston Churchill*

# Course Descriptions

## Quantitative Reasoning & Analysis and Scientific Method Courses



### UNF Osprey Tip

#### Math Tutoring

Students can come to UGS for math tutoring every day, Monday through Friday!

Log in to myWings and go to the Advising, Tutoring and Workshops link under the Student Tab to view the tutoring schedule or to schedule an appointment for math tutoring.

**For additional information about your math placement, contact your First Year Advisor.**

Founders Hall, Room 1200  
620-1012  
[www.unf.edu/ugstudies/FYA/](http://www.unf.edu/ugstudies/FYA/)

Students must complete **12 credits to fulfill the quantitative reasoning and analysis and scientific method general education requirements**. The following are the list of options for this requirement. Choices are dependent upon your UNF math placement test and intended major and your background in natural science.

**Mathematics:** Select one from the following:

**MAC 1105** - G(M) College Algebra

*Prerequisite:* appropriate score on the UNF math placement test

Topics will include linear and quadratic functions, systems of equations and inequalities, polynomials, exponentials, logarithms. Students may not receive credit for this course and MAC 1101 (Intensive College Algebra). 3 credits

**MGF 1106** - G(M) Finite Mathematics

Topics will be selected from linear equations and inequalities; linear programming, matrices and systems of linear equations; combinations and elementary probability; game theory with applications; logic; mathematics of finance. 3 credits

**MGF 1107** - G(M) Explorations in Mathematics

This course is an introduction to important and interesting ideas in mathematics. These ideas are designed to promote an appreciation of the subject. Topics may include number theory, rates of growth, geometry and graph theory. 3 credits

*Note: Higher-level courses in math will satisfy this requirement. Those courses can include the following:*

**MAC 1114** - G(M) Trigonometry

*Prerequisite:* MAC 1101 or MAC 1105

This course will include the following topics: trigonometric functions and their inverses, graphing trigonometric functions, identities, complex numbers, solving triangles and applications of trigonometric functions. Students may not receive credit for both MAC 1114 and MAC 1147. 2 credits

**MAC 2233** - G(M) Calculus for Business

*Prerequisite:* MAC 1101, MAC 1105 or MAC 1147

Topics in differential and integral calculus with applications. (This course cannot be used to satisfy upper-level degree requirements by mathematics, statistics or natural science majors.) 3 credits

**MAC 2311** - G(M) Calculus I

*Prerequisite:* MAC 1147 or MAC 1105/MAC 1101 and MAC 1114

This course examines the notions of limit, continuity and derivatives of functions of one variable. The course explores differentiation rules for algebraic, trigonometric, exponential and logarithmic functions. The course discusses applications of differential calculus, such as related rates problems, curve sketching and optimization. The course also introduces students to definite and indefinite integrals and the Fundamental Theorem of Calculus. (Students completing this course may not enroll in MAC 2233.) 4 credits

**STA 2014** - G(M) Elementary Statistics for Health and Social Sciences

This course is an introduction to descriptive data analysis, probability, statistical distributions, confidence intervals, testing of hypotheses, regression and correlation. Topics are selected to emphasize applications in health and social sciences. Technology will be integrated in this course. 3 credits

**STA 2023** - G(M) Elementary Statistics for Business

*Prerequisite:* MAC 1101, MAC 1105 or MAC 1147

This course is an introduction to descriptive data analysis, probability, statistical distributions, confidence intervals, testing of hypotheses, regression and correlation. Topics selected to emphasize applications in a business environment. 3 credits



**Thomas Huxley once wrote, “The scientific method is nothing but the normal working of the human mind.” Taking this point of view, we may conclude that science is not physics, biology or chemistry — but a moral imperative drawn from a larger narrative whose purpose is to give perspective, balance and humility to learning.**

**Natural Science:** Select one from the following:

**AST 2002** - Basic Astronomy

*Prerequisite:* High school algebra and trigonometry. Survey of current knowledge of the astronomical universe and of how that knowledge has been accumulated. Students will study the solar system, stars, and galaxies, and will review contemporary research and exploration. There will be occasional observing sessions. 3 credits

**BSC 1005C** - Principles of Biology

This course is designed to introduce students to the science life. This survey will cover topics ranging from the molecular components of the cell to the interaction of organisms with their environment. The goal of this course is to familiarize students with diverse components of life, provide an opportunity for students to work in the laboratory, as well as introduce the major areas of study within the discipline. This course is suitable for students who have no previous biology experience. Recommended for non-science majors. 4 credits

**BSC 1010C** - General Biology I

This course is an introduction to biology with an emphasis on cellular biology and genetics. It is designed to support students preparing for a career in biology or the health professions of pharmacy, dentistry, veterinary, and medicine. It is required for all health and science majors. 4 credits

**CHM 1020** - Chemistry for Liberal Studies

This course introduces basic chemical principles without an extensive use of mathematics and illustrates them with applications in health, energy, food, and the environment. The course strives to show chemistry as a human endeavor that provides insight into the natural world and informs our decisions as citizens and consumers. Specific topics may vary by semester. 3 credits.

**CHM 2045** - General Chemistry I

*Prerequisites:* MAC 1105/1101 and CHM 1025 with lab or high school chemistry with a minimum grade of B. This course covers stoichiometry, atomic structure, chemical bonding, acids and bases, solutions and their properties, and descriptive chemistry of selected elements. 3 credits

**ESC 2000** - Earth Science

This course is an introduction to the Earth as a system including the lithosphere, atmosphere, and the hydrosphere. Topics for discussion will include the formation of the Earth and the evolution of its landscape, the atmosphere and principles of weather and climate, the dynamic ocean, comparison with other bodies in the solar system and human impact on the Earth systems. 3 credits

**PHY 1020** - Intro to Physics

*Prerequisite:* High school algebra  
This course is an introduction to physics involving a study of motion, forces, conservation laws, heat, entropy, electricity, magnetism, waves, relativity and quantum theory. The cultural aspects of physics and the scientific method will be included. This course is for students who have had no previous physics, including high school physics. This course cannot be used by natural science majors to satisfy degree requirements. 2 credits

**PHY 2048** - Calculus Physics I

*Prerequisites:* MAC 2311 and high school physics with a minimum grade of B or PHY 1020 with lab.  
*Corequisite:* MAC 2312.  
An introduction to the fundamental laws and theories of physics with an emphasis on mechanics, heat and wave motion. Four-hour lecture. 4 credits

**PHY 2053** - Algebra Physics I

*Prerequisites:* MAC 1147 or MAC 1105/1101 and MAC 1114 and high school physics with a minimum grade of B or PHY 1020 with lab.  
This course is an introduction to mechanics, waves and heat. Calculus not required. 3 credits

*Note: Higher-level courses in natural science will satisfy this requirement.*

**“Pure mathematics is, in its way, the poetry of logical ideas.”**

*~ Albert Einstein*

# Course Descriptions

## Quantitative Reasoning & Analysis *and* Scientific Method Courses



### Science Tutoring

Students can come to Undergraduate Studies (UGS) for science tutoring every day, Monday through Friday!

See the UGS website for the most up-to-date tutoring schedule.  
[www.unf.edu/ugstudies/SASS/](http://www.unf.edu/ugstudies/SASS/)

Choose **one or two additional math or natural science courses** to equal at least 12 credits for the quantitative reasoning and analysis and scientific method requirement.

**MAC 1101** - G(M) Intensive College Algebra  
*Prerequisite:* appropriate score on the UNF math placement test.

This course is designed for the student who is not ready for MAC 1105-College Algebra. This course reviews key topics in Intermediate Algebra and covers the material in College Algebra: linear functions, quadratic functions, inequalities, polynomials, exponentials and logarithms. Students may not receive credit for this course and MAC 1105-College Algebra. 4 credits

**MAC 1147** - G(M) Precalculus  
*Prerequisite:* appropriate score on the UNF math placement test.

Topics will include linear and quadratic functions and their applications, systems of equations, inequalities, polynomials, exponentials, logarithms, trigonometric functions and their graphs, trigonometric identities and complex numbers. Students may receive credit for either MAC 1147 or MAC 1105 and MAC 1114 (not all). 4 credits

**MGF 1113** - G(M) Mathematics for Teachers  
This course provides an introduction to problem-solving processes, strategies for problem-solving sets and numeration, whole numbers, integers, geometric shapes, and measurement and geometry. 3 credits

**PHI 2101** - G(M) Intro to Logic  
This course includes truth table and natural deduction approaches to modern logic. The course will include propositional and predicate calculus, logic of relations, identity and definite descriptions. 3 credits

**IDC 2000** - The Beauty and Joy of Computing  
This course focuses on teaching students some of the “big ideas” of computing. It also provides a historic perspective of computing and where it is heading. Throughout the course we will emphasize the relevance of computing to students, their future studies, their careers and society. Students will learn Python as the programming language to deliver the concepts. Given that data is pervasive and the need to analyze data is in almost every discipline, learning Python will enable students to conduct data analysis, which will be helpful for their studies and in their careers. 3 credits

**BSC 1930** - Current Applications in Biology  
This course will address impacts that humans have had on our environment. Ecological issues caused by these impacts will be discussed. Some topics this course will cover include: various types of pollution, deforestation and global warming. Ways to reduce our impact will also be covered. 2 credits

**CHM 1025** - Intro to Chemistry  
This course is an introduction to the principles of modern chemistry and an overview of different areas of chemistry and its applications including elementary organic chemistry. This course is for students who have no previous chemistry, including high school chemistry. This course cannot be used by natural science majors to satisfy degree requirements. 2 credits

**GLY 2010** - Physical Geology  
This course will focus on the branch of geology concerned with understanding the composition of the Earth and the physical processes that act on and beneath its surface, based on the study of rocks, minerals, sediments, structures and formations, and their origin and alteration. 3 credits

**HUN 1001** - Intro to Nutrition Science  
*Prerequisite:* BSC 1005C or BSC 1010C.  
Students are introduced to nutrition science using the methods of natural science principles from biology and scientific chemistry to explore nutrient structures, usage/metabolism, functions, sources, standards and roles in health and disease; and basic research methods. 2 credits

**HUN 2201** - Basic Principles of Human Nutrition  
This is an introductory course in food and nutrition science relative to the health and well-being of the individual and the community. Dietary habits, nutrient requirements, food choices, healthy eating practices, menu planning, shopping for food and food preparation are studied. Myths and misinformation about nutrition are identified and evaluated. 3 credits

**PHY 1033** - Discovering Physics  
This course will explore fundamental concepts in physics and how these concepts can be used to understand the world around us. Topics covered include force, energy, electricity, magnetism, and the structure of matter. The course will emphasize conceptual understanding rather than mathematical problem solving. This course is not intended for students planning to major in science or engineering. 3 credits

## Mathematics is the queen of science and the language of nature.

### **AST 2002L** - Basic Astronomy Lab

*Corequisite:* AST 2002 or permission of instructor. An introductory laboratory course with exercises on vision and optics, telescope structure and design, and observing the sun, moon, planets, nebula, and other sky objects. Some required observing sessions will occur at times other than the scheduled laboratory class. A laboratory fee of \$25 will be assessed. 1 credit

### **CHM 1025L** - Intro to Chemistry Lab

*Corequisite:* CHM 1025.

An introductory laboratory course that introduces units, chemical calculations and simple synthesis stoichiometry, quantitative measurements and techniques for compounds. A laboratory fee of \$59 will be assessed. 1 credit

### **CHM 2045L** - General Chemistry I Lab

*Corequisite:* CHM 2045

This laboratory course includes experiments that demonstrate the concepts of stoichiometry, atomic structure, chemical bonding, acids and bases, solutions and their properties, reaction rates and equilibrium and descriptive chemistry of selected elements. A laboratory fee of \$59 will be assessed. 1 credit

### **ESC 2000L** - Earth Science Lab

*Corequisite:* ESC 2000

This course is the laboratory course to accompany the ESC 2000 lecture course. Topics to be investigated are the scientific method, rocks and minerals, the history of Earth, plate tectonics, earthquakes, mapping oceanography, atmospheric physics and properties of the solar system. A \$25 laboratory fee will be assessed. 1 credit

### **PHY 1020L** - Intro to Physics Lab

*Corequisite:* PHY 1020

This course is the laboratory that explores the topics covered in the PHY 1020 Introduction to Physics lecture course. The experiments will involve laboratory exercises dealing with kinematics of free fall and projectile motion, forces and motion, laws of conservation of energy and momentum, optical laws of reflection and refraction, the behavior of lenses, basic electric circuits, electromagnetic forces, standing waves and heat phenomena. A laboratory fee of \$25 will be assessed. 1 credit

### **PHY 2048L** - Calculus Physics I Lab

*Corequisite:* PHY 2048

This is a laboratory course that conducts exercises to accompany the coursework covered in PHY 2048. A laboratory fee of \$25 will be assessed. 1 credit

### **PHY 2053L** - Algebra Physics I Lab

*Corequisite:* PHY 2053

This is a laboratory course that conducts exercises to accompany the coursework covered in PHY 2053. A laboratory fee of \$25 will be assessed. 1 credit

### **Preparatory Mathematics**

The following are preparatory math courses that may be required, but do not meet general education requirements and are not taught at UNF.

#### **MAT 0028\*** - Elementary Algebra

**This is a college preparatory course and no college credit is awarded.** This course is required for students who score <112 on the PERT or who place into this course based on their UNF math placement test. The major topics in this course are sets, real numbers and their properties, exponents and polynomials, linear equations and linear inequalities, as well as an introduction to factoring rational expressions, radicals (square roots), and graphing in two variables. Students must complete this course with a C or higher. Students must also complete MAT 1033 prior to enrolling in college-level math courses.

*\*Students are required to complete the transient application process.*

#### **MAT 1033\*** - Intermediate Algebra

This course is required for students who score 113 - 122 on the PERT or who place into this course based on their UNF math placement test. **This course will count as elective credit, but not as general education math credit.** It is designed for students who require additional skills in algebra before taking College Algebra or Precalculus. Students must complete this course with a C or higher. This course will not satisfy the general education Gordon Rule math requirement.

*\*Students are required to complete the transient application process.*

*Note: Summer students who earn credit for MAC 1990-College Math will not have to take MAT 1033-Intermediate Algebra.*

**“Equipped with his five senses, man explores the universe around him and calls the adventure Science.”**

*~Edwin Powell Hubble*

## Course Descriptions

# Cross-Cultural Awareness Courses

**Cultural awareness recognizes that we are all shaped by our cultural background, which influences how we interpret the world around us, perceive ourselves and relate to other people.**

The importance of intercultural competency continues to grow in our world today. Global understanding is no longer restricted to certain industries and high-ranking leaders. Cultural competency is becoming more important and vital to success in our globalized society. UNF recognizes the need for students to develop cultural awareness and **requires that students complete one cultural diversity course to fulfill the Cross-Cultural Awareness requirement.**

**Cultural Diversity:** Select one of the following:

**ANT 2423** - Kinship and Family

This course introduces students to the study of kinship and gender in an anthropological perspective. Topics covered include, but are not restricted to, gender distinctions, body images, descent, inheritance, courtship, love, marriage, family forms, kin networks and new reproductive technologies. Students will be presented with detailed case studies both within and outside the Euro-American tradition. 3 credits

**ASN 2003** - Intro to Asia

An introduction to the history and culture of Asia. In addition to examining selected aspects of Asia's past and present, the course will also explore the problems of "Orientalism" and the historical standards employed in various chronicles of Asia. Required for a minor in Asian Studies. 3 credits

**MMC 2701** - Communicating Across Cultures

This course will review the issues involved in effective cross-cultural communication at both the interpersonal level and through the mass media. Students will be encouraged to explore their own cognitive barriers to communicating across cultures and ways to overcome those barriers. 3 credits

**PUP 2312** - Race/Gender/Politics

This course introduces students to the struggle of minorities and women to participate in the formation of public policy in the United States. 3 credits

**REL 2300** - Comparative Religion

Comparative Religion first introduces students to the major religions of the world and then seeks points of comparison between those religions in an effort to come to terms with the common basis of human religious experience. 3 credits

**SYG 2013** - Sex, Race, and Class

This class is designed to introduce students to the sociological study of the issues of race, sex and social class. In this class, students will examine a number of issues facing American society today and how these issues are interrelated. Special emphasis will be placed on discussing how those problems are (or are not) dealt with in our society. 3 credits

**EDF 2085** - Intro to Diversity for Educators

This course provides the opportunity to explore issues of diversity, including an understanding of the influence of exceptionalities, culture, family, gender, sexual orientation, socioeconomic status, religion, language of origin, ethnicity, and age upon the educational experience. Students will explore personal attitudes toward diversity and exceptionalities. 3 credits

**"Perhaps travel cannot prevent bigotry, but by demonstrating that all peoples cry, laugh, eat, worry, and die, it can introduce the idea that if we try and understand each other, we may even become friends."**

*~Maya Angelou*

**Foreign Culture:** Select one of the following upper-division courses at the junior/senior level in lieu of a cultural diversity course at the freshman/sophomore level:

**ASH 3440** - Japanese Civilization

This course aims to provide the student with an introduction to Japanese history and society. Topics will include Japanese ethnocentrism, religious traditions, historical consciousness, village society, urbanism, family life, education, contemporary politics, Japan's economic miracle, consumerism, sports and the arts. The course will look at the Japanese as they see themselves. 3 credits

**ANT 3212** - People and Cultures of the World

This course uses a comparative approach to investigate common bonds of culture and the ways in which Homo sapiens elaborate cultural differences. This course uses cross-cultural evidence to investigate some of the fundamental cultural building blocks of kinship, subsistence technology and political behavior. 3 credits

**ANT 3312** - North American Indians

This course examines selected Indian groups from a holistic perspective and compares different cultural complexes. Particular attention will be given to religion, world view, kinship, politics and economic subsistence patterns. A study of aboriginal Indian cultures will be used as a basis for comparison with current American cultures. 3 credits

**ECO 3701** - Contemporary International Economic Issues

This course covers basic topics in international economics at an intuitive level, with emphasis on policy. Students will study, in detail, the culture, politics and economy of a foreign country of their choice in order to appreciate the differences between U.S. and foreign cultures, politics and economies. 3 credits

**LAH 3300** - Latin America

This course will provide an examination of recent Latin American history. Special emphasis will be placed upon the roles of the church, landowner, military, middle sector and peasant in the modernizing societies of selected countries. 3 credits

**SOP 3742** - Psychology of Women

This course involves an investigation of major personality theories and clinical practices as they relate to female psychology. Findings from the field of psychology regarding differences between males and females will be explored. 3 credits

**SYD 3700** - Racial and Ethnic Minorities

This course will examine selected racial, ethnic and religious subcultures with respect to past and present patterns of participation, minority-majority relations, maintenance patterns and consequences of prejudice and discrimination for American social life. 3 credits

**SYD 3800** - Gender and Society

This course is designed to explore the social meanings and political implications of gender in society. It will focus on gender as a taken-for-granted but problematic component of our lives, whether female or male. The course will explore topics such as: gender and sex role socialization, gender relationships, cross-cultural gender comparisons and the effects of "the sex-gender system" on areas such as health, family life, religion, employment, crime, education, politics and social change. 3 credits

**Experiential/Integrative Learning:** Students who chose to participate in a transformational learning opportunity (TLO) course may request to have it fulfill the Cross-Cultural Awareness requirement.

Transformational learning opportunities set the occasion for life-changing experiences. They are an integral component of UNF's strategic plan and institutional mission. These unique and engaging educational opportunities broaden and deepen students' intellectual and world views. These experiences require that students reflect critically on the transformative effects and how the experience led them to change their beliefs, attitudes or behavior in some significant way and to challenge their previous assumptions.

Examples of experiential learning could include:

- Community-based Learning
- Study Abroad
- Internships or Field Experience

Examples of integrative learning could include:

- Undergraduate Research
- Leadership

**For additional information about cultural events on campus, contact:**

**International Center**  
Building 58, Room 2300  
620-2657

**Interfaith Center**  
Building 2, Room 1400  
620-5522

**Intercultural Center for PEACE**  
Building 2 East, Room 2100  
620-2475

**"A nation's culture resides in the hearts and in the soul of its people."**

*~Mahatma Gandhi*

# Prerequisites & Foundation Courses for Intended Majors

## 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 and 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 media electives (ART/GRA/PGY prefix)

Graphic Design requires these studio electives:

\_\_ART 2605C Basic Computing Images  
\_\_PGY 1800C Digital Photography for Design  
\_\_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.

### BEHAVIORAL NEUROSCIENCE:

\_\_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  
\_\_PSY 2012 Intro to Psychology  
\_\_STA 2014 G(M)Elem Statistics-Hlth/SS

**BIOLOGY:** (Coastal Environmental Science, Marine Biology, Ecology & Evolutionary Biology, Molecular/Cell Biology and Biotechnology, Biomedical Sciences)

\_\_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 Statistics Hlth/SS  
\_\_MAC 2312 G(M)Calculus II

**CHEMISTRY:** (Chemistry, Biochemistry, Pre-Medical, Materials)

\_\_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:

Concentration: Advertising  
\_\_MMC 1004 Media Literacy  
\_\_SPC 2608 Fundamentals of Speech  
\_\_STA 2023 G(M)Elem Stats-Business  
\_\_ENC 3250 Professional Communication  
\_\_ADV 3812 Integrated Marketing Communication (*preferred*)

Concentrations: Multimedia Journalism and Production; Public Relations

\_\_MMC 1004 Media Literacy  
\_\_SPC 2608 Fundamentals of Speech  
\_\_STA 2014 G(M)Elem Statistics Hlth/SS

### COMMUNICATION STUDIES:

\_\_SPC 2608 Fundamentals of Speech  
\_\_STA 2014 G(M)Elem Statistics Hlth/SS  
\_\_MMC 2701 Communicating Across Cultures (*rec.*)

### CRIMINAL JUSTICE:

\_\_STA 2014 G(M) Elem Statistics Hlth/SS  
\_\_CCJ 2002 Crime in America (*rec.*)

### ECONOMICS: (BA)

\_\_ECO 2013 Prin of Macroeconomics  
\_\_ECO 2023 Prin of Microeconomics  
\_\_MAC 2311 G(M)Calculus I (*rec.*)

### ENGLISH:

Two 1000/2000 level ENC courses  
Two 2000-level survey literature 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/ASH/EUH/LAH/WOH prefix)  
\_\_ 1 additional lower level history course (*rec.*)  
\_\_STA 2014 G(M)Elem Sta-Hlth/SS (*rec.*)

### INTERDISCIPLINARY STUDIES:

Prerequisites vary based on student's goals

### INTERNATIONAL STUDIES:

Choose 1-  
\_\_INR 2002 Intro to Int'l Relations  
\_\_CPO 2002 Comparative Politics

Must complete through the intermediate level of a foreign language.

### JAZZ STUDIES:

Consult the Osprey Map or your advisor for details regarding program requirements.

### MATHEMATICS: (BA and BS)

\_\_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 PERFORMANCE:

Consult the Osprey Map or your advisor for details regarding program requirements.

### MUSIC EDUCATION:

\_\_MUE 2040 Foundations of Music Education  
\_\_EDF 2085 Intro to Diversity for Educators  
\_\_Sophomore Review of Applied Music

### PHILOSOPHY:

Two 1000/2000 level PHI courses (*rec.*)

**PHYSICS:** (Physics, Astrophysics, Pre-Medical, Materials Science, Computing, 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 2048/L Calculus Physics I w/Lab  
\_\_PHY 2049/L Calculus Physics II w/Lab  
\_\_PHY 1024 Exploring Majoring in Physics

### POLITICAL SCIENCE:

\_\_POS 2041 Intro to American Govt  
\_\_STA 2014 G(M)Elem Statistics-Hlth/SS (*rec.*)  
Choose 1- (*both rec.*)  
\_\_INR 2002 Intro to Int'l Relations  
\_\_CPO 2002 Comparative Politics

**PSYCHOLOGY:** (Psychology, Child Psychology; BA and BS)

\_\_PSY 2012 Intro to Psychology  
\_\_ 1 additional lower level psychology course  
\_\_STA 2014 G(M)Elem Statistics-Hlth/SS  
\_\_BSC XXXX Any 3 credit biology course  
\_\_PSY 3021 Professional Opportunities in Psych Seminar

### RELIGIOUS STUDIES:

\_\_REL 2300 Comparative Religion

### SOCIAL WORK:

\_\_POS 2041 Intro to American Govt  
\_\_PSY 2012 Intro to Psychology  
\_\_SYG 2000 Intro to Sociology  
\_\_BSC XXXX One 3 credit biology course  
\_\_ECO 2XXX One 3 credit economics course  
\_\_STA 2014 G(M) Elem Statistics-Hlth/SS (*rec.*)

**SOCIOLOGY:** (Sociology, Social Welfare)

\_\_SYG 2000 Intro to Sociology  
\_\_ 1 additional lower level sociology course  
\_\_STA 2014 G(M)Elem Statistics-Hlth/SS

### SPANISH:

\_\_SPN 1120 Beginning Spanish I  
\_\_SPN 1121 Beginning Spanish II  
\_\_SPN 2200 Intermediate Spanish I  
\_\_SPN 2201 Intermediate Spanish II

**STATISTICS:** (BA and BS)

\_\_MAC 2311 G(M)Calculus I  
\_\_MAC 2312 G(M)Calculus II  
\_\_MAC 2313 G(M)Calculus III  
\_\_ 1 statistics course  
\_\_ 2 lab science courses for science majors  
\_\_ 1 computer programming course  
(COP 2220 *preferred*)

## Coggin College of Business

### ACCOUNTING/ECONOMICS/FINANCE/ FINANCIAL SERVICES/ MARKETING/ MANAGEMENT/INTERNATIONAL BUSINESS/ TRANSPORTATION & LOGISTICS:

__MAC 2233	G(M)Calculus for Business
__STA 2023	G(M)Elem Stats-Business
__CGS 1100	Computer Apps for Business
__ECO 2013	Prin. of Macroeconomics
__ECO 2023	Prin. of Microeconomics
__ACG 2021	Prin. of Financial Accounting
__ACG 2071	Prin. of Managerial Accounting

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

## College of Computing, Engineering and Construction

### CIVIL/ELECTRICAL/MECHANICAL ENGINEERING:

__MAC 2311	G(M)Calculus I
__MAC 2312	G(M)Calculus II
__MAC 2313	G(M)Calculus III
__MAP 2302	G(M)Ordinary Diff. Equations
__CHM 2045/L	General Chemistry I w/Lab
__PHY 1041 & Lab	Physics for Engineers I & Lab
__PHY 2042 & Lab	Physics for Engineers II & Lab
__EGN 1001C	Intro to Engineering I

Electrical & Mechanical also require:

__COP 2220	Computer Science I
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Civil requires additional natural science.

Select 1 course:

__ESC2000/L	Earth Science w/ Lab
__GLY 2010	Physical Geology
__BSC 1010C	General Biology I
__BSC 3057	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	
__SPC 4064	Public Speaking for Professionals (preferred)

Concentrations: Information Science/Information Systems

__MAC 2233	G(M)Calc for Business
__STA 2023	G(M)Elem Stats-Business
__CGS 1100	Computer Apps for Business
__COP 2010	Intro to Visual & Procedural Programming
__COP 2551	Intro to Object-Oriented Programming
__SPC 4064	Public Speaking for Professionals (preferred)

Information Systems also requires:

__ECO 2013	Prin. of Macroeconomics
__ECO 2023	Prin. of Microeconomics
__ACG 2021	Prin. of Financial Accounting
__ACG 2071	Prin. of Managerial Accounting

Concentration: Information Technology

__MAC 2233	G(M)Calculus for Business
__STA 2023	G(M)Elem Stats-Business
__CGS 1100	Computer Apps for Business
__COP 2220	Computer Science I
__SPC 4064	Public Speaking for Professionals (preferred)

### BUILDING CONSTRUCTION:

__MAC 1147	Precalculus
__PHY 2053/L	Algebra Physics I w/Lab
__PHY 2054/L	Algebra Physics II w/ Lab
__BCN 1210C	Construction Materials
__BCN 1251	Construction Drawing
__BCN 2405	Intro to Structures
__MAC 2233	G(M)Calculus for Business
__STA 2023	G(M)Elem Stats-Business
__ECO 2013	Prin. of Macroeconomics
__ECO 2023	Prin. of Microeconomics
__CGS 1100	Computer Apps for Business
__ACG 2021	Prin. of Financial Accounting
__ENC 3250	Professional Communication or a speech course
__BUL 3130	Legal Environ. of Business

## College of Education and Human Services

### EARLY CHILDHOOD/ELEMENTARY/MIDDLE SCHOOL/ENGLISH/MATH/SCIENCE/SOCIAL STUDIES/SPECIAL/DEAF:

__EDF 1005*	Teaching Profession
__EDF 2085*	Diversity for Educators (rec.)
__EME 2040	Tech for Educators (rec.)
Florida Teacher Certification Exam - General Knowledge Component	

Some education majors require additional prerequisites. Consult the Osprey Map or advisor. \*Students must be fingerprinted and pass a level two background check.

### AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING: (Community Interpreting)

__ENC1101	Intro to Rhetoric and Writing
__ASL 2140	American Sign Language I
__ASL 2150	American Sign Language II
__INT 1000	Intro to Interpreting
__INT 2010	Discourse Analysis
__INT 2113	English-ASL Sight Translation
__INT 2303	Interpreting Field Experience
__INT 2204	Interpreting in Community Settings

### SPORT MANAGEMENT:

__SPM 2000	Intro to Sport Management
__ECO 2013	Prin. of Macroeconomics
__ACG 2021	Prin. of Financial Accounting
__STA 2XXX	One 3 credit statistics course

## Brooks College of Health

### HEALTH SCIENCE:

Concentration: Public 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 Statistics-Hlth/SS
__PSY 2012	Intro to Psychology
__HSC 2100	Personal & Public Health

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
__MAC 1105	G(M)College Algebra
__STA 2014	G(M)Elem Statistics-Hlth/SS
__HUN 2201	Basic Prin. of Human Nutrition
__PSY 2012	Intro to Psychology
__SPC 2608	Fundamentals of Speech

### HEALTH ADMINISTRATION:

__STA 2014	G(M)Elem Statistics-Hlth/SS
__CGS 1100	Computer Apps for Business
__ECO 2023	Prin. of Microeconomics
__ACG 2021	Prin. of Financial Accounting
__ACG 2071	Prin. of Managerial Accounting
__HSA 2530	The Language of Healthcare

### NUTRITION & DIETETICS:

__BSC1010C	General Biology I
__CHM 2045/L	General Chemistry I w/Lab
__BSC 2085C	Anatomy & Physiology I
__BSC 2086C	Anatomy & Physiology II
__MCB2010C	Microbiology
__MAC 1105	G(M)College Algebra
__STA 2014	G(M)Elem Statistics-Hlth/SS
__POS 2041	Intro to American Govt
__FSS 1202/L	Food Fundamentals I w/ Lab
__HUN 2201	Basic Prin. of Human Nutrition

### NURSING:

__BSC1010C	General Biology I
__CHM2045/L*	General Chemistry I w/Lab
__BSC 2085C	Anatomy & Physiology I
__BSC 2086C	Anatomy & Physiology II
__MCB 2010C	Microbiology
__STA 2014	G(M)Elem Statistics-Hlth/SS
__PSY 2012	Intro to Psychology
__DEP 3054	Lifespan Developmental Psychology
__HUN 2201	Basic Prin. of Human Nutrition

\* CHM 1025/L is an acceptable substitute for Nursing

Some courses require prerequisites. Consult your catalog or advisor for prerequisites needed.

# Electives

**College students are curious people: they are constantly introduced to new ideas, concepts, theories and people. Electives give students an opportunity to explore.**

## **UNF Osprey Tip**

### **Choosing your Electives**

Once you have decided on your major, most of your courses are pre-selected. If you have the option to take a few electives, choose courses that:

- **Build skills for your chosen profession.**
- **Round out your education.**
- **Challenge you.**

What are electives? Electives are courses that are not part of the general education requirements or prerequisites for a major, but that can be taken in the areas of the student's interest. These are examples of elective courses, but this is not an inclusive list of all elective options.

### **AMH 2010** - U.S. History to 1877

This course emphasizes the European background, causes and consequences of the Revolution, growth of democracy, westward expansion, causes and consequences of the Civil War and Reconstruction. 3 credits

### **CGS 1100** - Computer Applications for Business

This course provides an introduction to the fundamentals of personal computing for business majors and other non-computer science majors. 3 credits

### **CHI 1120** - Beginning Chinese I

This course provides a basic introduction to modern Chinese, building solid foundation in the structures, vocabulary, pronunciation of the language. Native speakers of Chinese may take this course only with the permission of the language coordinator. (A laboratory fee of \$10 will be assessed.) 4 credits

### **CLP 2180** - Stress Management

Stress has been shown to be a significant factor in many mental and physical disorders. This course surveys the major techniques currently available to aid the individual in coping with the effect of stress. Drugs, hypnosis, medication, biofeedback and life-style modification are discussed and demonstrated. 3 credits

### **DEP 2002** - Child/Adolescent Psychology

This course is an overview of psychological principles, theories, and research pertaining to the developing child from conception through adolescence. The course will cover biological and environmental influences on affective, cognitive, moral, social and personality development. This course will be oriented toward an applied understanding of child and adolescent development and therefore application to teaching and/or parenting needs. 3 credits

### **EDG 2000** - Career Planning

This course involves self-assessment activities, career decision-making, career exploration, and learning the necessary employability skills to obtain and keep a job once a choice has been made. The basic purpose of the course is to provide an opportunity for students to develop the necessary skills in all areas of career development. A career assessment and fee are required. 3 credits

### **FRE 1120** - Beginning French I

This course stresses the development of communicative and functional language use at the beginning level. This course gives the student the opportunity to develop a basic ability to read, write, speak and comprehend modern French. Native speakers of French may take this course only with the permission of the language coordinator. (A laboratory fee of \$10 will be assessed.) 4 credits

### **GEB 1011** - Foundations of Business

A basic overview of the functional areas of business providing a general framework for understanding the development, structure and social responsibility of business as it applies to the American and international economies. Emphasis is placed on the interaction of management, marketing, transportation, finance, accounting and insurance within the business environment. 3 credits

### **GEB 2112** - Planning a New Business

This class provides both business and non-business majors with hands-on skills necessary to succeed as an entrepreneur. The curriculum provides a balance between individual work and team projects. Students will apply practical skills to develop a business plan for a new venture.



**GER 1120** - Beginning German I

This course stresses the development of communicative and functional language use at the beginning level. Students will learn to read, speak, comprehend and write modern German at the beginning level. Native speakers of German may take this course only with the permission of the language coordinator. (A laboratory fee of \$10 will be assessed.) 4 credits

**HSC 2000** - Health Care Careers

This course will provide students with an introduction to the healthcare industry emphasizing the roles of various healthcare professionals. The course investigates healthcare careers, the nature of the work, job descriptions, necessary abilities, education preparation and credentialing. Students learn how to gain reliable information regarding individual jobs in healthcare and understand the impact of current trends in healthcare on employment opportunities. An opportunity to interface with healthcare professionals is provided. 3 credits

**INR 2002** - Intro to International Relations

Basic introduction to international politics and relations concentrating on describing the various ways nations interact with one another, how the world community looks at national powers and how nations and the world community define and protect the national interest. 3 credits

**LDR 3003** - Intro to Leadership

This course introduces participants to the major theories of leadership and their application in personal and professional settings. Participants engage in self-reflective and applied learning activities that allow them to draw upon their personal characteristics and experiences in order to make connections between class work and their own leadership roles in their communities. 3 credits

**LIS 1001** - Library & Information System Strategies

This course is designed to acquaint the novice researcher with both traditional and computerized means of classifying, storing and retrieving information, and will focus on the library as an information storage and retrieval center. Emphasis will be on developing critical thinking and research skills. This course is especially recommended to freshmen. 1 credit

**MMC 1004** - Media Literacy

This course is designed to acquaint the student with the nature of mass media systems and their impact on society. The course seeks to generate an understanding of production methods, economic influences and behavioral effects of media. 3 credits

**MUN 2120** - Concert Band (Lower)

Admission is by audition of instrumental music majors and other university students. The band performs annual concerts of traditional and contemporary band literature and is required of instrumental majors. (A material fee of \$35 will be assessed.) 1 credit

**MUN 2310** - UNF Chorale (Lower)

This mixed choral ensemble is designed to meet the ensemble requirements for classical music majors. The course is open to non-music majors. The repertoire includes music from the Renaissance to the 20th century. (A material fee of \$35 will be assessed.) 1 credit

**PGY2807C** - Digital Photography for Non-Majors

*Prerequisite:* 30 credits earned

An exploratory course that will provide students with a working understanding of the fundamentals of digital photography. Emphasis is upon camera controls, computer editing tools for manipulating and enhancing images, digital output, and developing essential strategies for taking photographs. 3 credits

**SOP 2772** - Human Sexual Behavior

This course will explore the psychological and physiological aspects of human sexual behavior. Emphasis will be placed on the cultural and biological diversity of sexual expression. 3 credits

**SPC 2608** - Fundamentals of Speech

Introductory course emphasizing current theories of communication, audience analysis and persuasion. Preparation and presentation of speeches on topics of current concern. Conferences, evaluations and videotape replay provide personalized assistance. May be taken to satisfy teaching certification in speech. 3 credits

**SPN 1120** - Beginning Spanish I

Emphasizing development of practical skills rather than grammatical knowledge, this course will give the student the opportunity to develop the foundations of an ability to read, write and speak modern Spanish. Native speakers of Spanish may take this course only with the permission of the language coordinator. (A laboratory fee of \$10 will be assessed.) 4 credits

**Foreign Language Courses:**

If you have some knowledge of French or Spanish and would like to continue in that language, you should take the online placement exam and register according to your results.

To take the placement test, go to [webcape.byuhtrsc.org/?acct=unf](http://webcape.byuhtrsc.org/?acct=unf)

Password is: ozzie100

After you take the online placement exam, contact the UNF Languages, Literatures & Cultures Department at 620-2282 regarding your results.

If you have some knowledge of Chinese or German and would like to continue in that language, contact the UNF Languages Department for an assessment.

**“To have another language is to possess a second soul.”**

~Charlemagne

# Getting Ahead

## UNF Osprey Tip

**Include tutoring in your weekly schedule. Bring your syllabus, books, and any other materials you may need with you.**

### **SASS**

You can view all of the student academic services offered through SASS by going to their website at [www.unf.edu/ugstudies/SASS](http://www.unf.edu/ugstudies/SASS)

This includes:

- SI schedule
- Tutoring schedule
- Making tutoring appointments
- Academic coaching offerings and schedule an session

### **Follow SASS on Social Media?**

@unfSASS



### **Writing Center Tutoring**

Writing tutoring appointments can be made at [www.unf.edu/coas/english/wc/aboutwc.aspx](http://www.unf.edu/coas/english/wc/aboutwc.aspx) or by contacting the Writing Center at 620-5394. Building 4, Room 2501

## **Academic Support**

We have various offices at the University of North Florida that offer academic support. The largest is the Student Academic Success Services (SASS) under the Office of Undergraduate Studies. SASS provides supplemental instruction, peer tutoring for certain subjects, peer-assisted student success, and academic coaching.

### **Supplemental Instruction (SI)**

Supplemental Instruction sessions are regularly scheduled, organized study groups targeting historically difficult courses. These sessions are led by students called “SI leaders” who have already successfully completed the course. SI leaders attend the course again with you so they can follow the progress of the class. In addition, attendance at SI sessions is confidential, voluntary, and free of charge for all students registered for the course.

The more often you attend SI study groups, the better you will do. Data shows that students who attend five or more sessions experience a half to full letter grade increase.

### **Tutoring**

SASS provides free tutoring in many of the common subjects at UNF in three locations. The main tutoring center on campus is located in the Undergraduate Studies suite. SASS also deploys their tutors to the Carpenter Library and Osprey Fountains.

You may spend as much or as little time as needed working with a SASS tutor. All tutors are UNF students who are thoroughly trained and highly recommended by UNF faculty to assist students in their respective subject areas. Some students have specific questions when they come for tutoring, while others use tutoring as a study hall and ask questions when needed.

### **Peer-Assisted Student Success (PASS)**

Peer-Assisted Student Success (PASS) programs include a variety of academic support based on peer-assisted learning. PASS offerings are designed to meet student needs not met through tutoring or supplemental instruction. They can be course-specific, coordinated with the academic department or instructor offering the course, or skill-based often in the form of academic skills workshops or webinars.

### **Academic Coaching**

Academic Coaching is offered to students on an individual basis to help you become a better student. High school and college often require different academic skillsets. Even students who were exceptional in high school may find that the academic skills and strategies that served them so well during high school are not well suited to the rigors of college work. The quantity, type and quality of work required at UNF may be different from what you have encountered so far in your academic career. For instance, you should anticipate coverage of perhaps twice as much material in college than you were accustomed to in high school, and test questions that require you to describe, analyze and synthesize concepts. To meet these challenges, your academic and study techniques may need to change.

Our academic coaching sessions are one-on-one appointments with student mentors. Our coaches are all trained in every topic we offer and come from a wide variety of backgrounds and majors. This one-on-one approach allows us to personalize each session by addressing your individual difficulties and needs. Academic coaches will develop a plan of action with a clear, quantifiable goal. In this way, no two coaching sessions are the same. Academic coaching topics currently include study skills, time management, public speaking, and preparing for finals.

### **Additional Tutoring**

Though most of the tutoring on campus is hosted by SASS, there are other various offices that provide tutoring in specific areas.

The Department of English Writing Center helps students develop their writing skills. Our Writing Center staff works with students one-on-one to craft individualized strategies to strengthen their writing and encourage better, stronger writing practices. The Writing Center offers walk-in tutoring during posted times, as well as 20-60 minute appointments on a range of content-specific services. They also offer workshops on a variety of writing needs.

There are a few academic departments on campus that host tutoring internally within their department for certain courses they offer. Consult the academic department offering the course or your advisor for more information.

## Educational Opportunities

### Undergraduate Research

One of the outstanding opportunities available to students at UNF is the engagement in research and scholarly projects at the undergraduate level. Our undergraduate research program offers research experiences for undergraduates collaborating with UNF faculty members across the disciplines. One of the greatest benefits of becoming involved in research as an undergraduate is the insight it will give students on how to learn, how new knowledge is created and what you can accomplish when you become actively engaged in addressing your own research question.

### Study Abroad

Study Abroad is an enriching, transformational experience that provides students with unique opportunities for academic, social and personal growth. Students can earn UNF credit while studying in another country. Study Abroad programs range in length from as short as one week, to a summer, a full semester, or even an entire academic year. UNF offers many options for you to add an international dimension to your education through exchange programs, individual study abroad programs and UNF faculty-led study abroad programs. The choice is yours. No matter what your major is, UNF has a program to accommodate your interest and needs.

### Leadership Program

In today's competitive job market, anything UNF students can do to set themselves apart from their peers will help them get noticed by potential employers or graduate schools. One way students are getting that extra edge at UNF is by obtaining the Leadership Minor through the Taylor Leadership Institute. This program facilitates the education and development of students on how to become effective, ethical and value-based leaders with a commitment to excellence, focus, relevance and accountability. The Leadership Minor is a campus-wide collaborative program which is credentialed on the student's academic transcript.

### Graduate School

If you think you might want to go to graduate or professional school, it is important to start preparing early. While your GPA is important for graduate school, you will also need good scores on the entrance exam required by your graduate school (i.e., the GRE, GMAT, MCAT, LSAT, etc.), and strong letters of recommendation from faculty. If you really want to shine, consider doing undergraduate research, having a study abroad experience, participating in the UNF Leadership Program or completing an internship before graduating.

Your advisor can help you plan for the goal of attending graduate school and provide you with the appropriate resources to prepare you for the graduate admissions process.

### Pre-Law Program

The UNF Pre-Law Program assists students in preparing for law school and navigating the law school admissions process. The program includes course advising, workshops, application and LSAT preparation assistance, internships, mentorships, and events. Pre-Law is not a major. The UNF Pre-Law Program encourages students to fully engage in their chosen major field and develop the excellent logic, writing, and critical thinking analysis skills necessary for law school and the legal profession.

To enroll in the Pre-Law Program go to:

<https://canvas.unf.edu/enroll/CPJPYY>

### Biomedical Program

The UNF Biomedical Program assists students in becoming competitive candidates for admission to professional schools in the areas of medicine, physician assistant, dentistry, pharmacy, podiatry, optometry, chiropractic, veterinary medicine and research-based graduate programs.

Components of the program include curriculum analysis, guest speakers, mentoring, preparation for a variety of medical-field admission tests, and guidance with the professional school application process, including a centralized evaluation service. The program provides information and opportunities for scholarships, peer mentoring, shadowing and volunteering.

Since there is no pre-med major, students wanting to pursue the medical field are advised to choose an undergraduate major based upon their interests and talents. As part of their undergraduate major, they will need to incorporate coursework required by their chosen professional school. Students should meet with the Biomedical Program advisor and research their prospective professional schools for specific requirements, as different universities may require different courses.

To enroll in the Biomedical Program go to:

<https://canvas.unf.edu/enroll/7YPEG8>

**For additional information about various educational opportunities, contact:**

**Undergraduate Research**  
Building 2, Room 1200  
620-3942  
[www.unf.edu/our](http://www.unf.edu/our)

**International Center**  
Building 58, Room 2300  
620-2657  
[www.unf.edu/intlctr](http://www.unf.edu/intlctr)

**Leadership Program**  
Building 9, Room 1103  
620-5934  
[www.unf.edu/taylor-leadership](http://www.unf.edu/taylor-leadership)

**For additional information about graduate school, visit:**

**The Graduate School**  
Building 1, Room 2000  
620-1360  
[www.unf.edu/graduateschool](http://www.unf.edu/graduateschool)

**Pre-Law Advisor**  
Building 51, Room 2118  
620-1069  
[www.unf.edu/coas/prelaw](http://www.unf.edu/coas/prelaw)

**Biomedical Program Advisor**  
Building 59, Room 3300  
620-1958  
[www.unf.edu/coas/premed](http://www.unf.edu/coas/premed)

**Petersons Guide**  
[www.petersons.com](http://www.petersons.com)

**U.S. News & World Report**  
[www.usnews.com/education](http://www.usnews.com/education)

# Advanced Placement Credit

AP Course	Score	Equivalency	Credit Received
<b>Art:</b>			
Art History	3	ARH 2000	3 credits Critical Thinking
Art History	4, 5	ARH 2050 & ARH 2051	6 credits Critical Thinking
Studio Art: Drawing Portfolio	3, 4, 5	ART 1300C	3 credits Prerequisite/Elective
Studio Art: 2-D Design Portfolio	3, 4, 5	ART 1201C	3 credits Prerequisite/Elective
Studio Art: 3-D Design Portfolio	3, 4, 5	ART 2203C	3 credits Prerequisite/Elective
<b>Computer Science:</b>			
Computer Science A	3, 4, 5	CGS 1075	3 credits Elective
Computer Science AB	3, 4, 5	CGS 1076	3 credits Elective
<b>Economics &amp; Geography:</b>			
Economics - Macro	3, 4, 5	ECO 2013	3 credits Critical Thinking
Economics - Micro	3, 4, 5	ECO 2023	3 credits Elective/Prerequisite
Human Geography	3, 4, 5	GEO 2420	3 credits Critical Thinking
<b>English:</b>			
Language & Composition	3	ENC 1101*	3 credits Communication
Language & Composition	4, 5	ENC 1101 & ENC 1102	6 credits Communication
Literature & Composition	3	ENC 1101*	3 credits Communication
Literature & Composition	4, 5	ENC 1101 & ENC 1102	6 credits Communication
<i>* if student already has credit for ENC 1101, their second English AP course will count as an English elective</i>			
<b>Foreign Language:</b>			
Chinese Language & Culture	3	CHI 2200	3 credits Foreign Language
Chinese Language & Culture	4, 5	CHI 2200 & CHI 2201	6 credits Foreign Language
French Language & Culture	3	FRE 2240	3 credits Foreign Language
French Language & Culture	4, 5	FRE 2240 & FRE 2241	6 credits Foreign Language
German Language & Culture	3	GER 2200	3 credits Foreign Language
German Language & Culture	4, 5	GER 2200 & 2201	6 credits Foreign Language
Italian Language & Culture	3	ITA 2200	3 credits Foreign Language
Italian Language & Culture	4, 5	ITA 2200 & ITA 2201	6 credits Foreign Language
Japanese Language & Culture	3	JPN 2200	3 credits Foreign Language
Japanese Language & Culture	4, 5	JPN 2200 & JPN 2201	6 credits Foreign Language
Latin	3, 4, 5	LNW 1700	3 credits Elective
Spanish Language	3	SPN 2200	3 credits Foreign Language
Spanish Language	4, 5	SPN 2200 & SPN 2201	6 credits Foreign Language
Spanish Literature	3	SPW 3030	3 credits Elective
Spanish Literature	4, 5	SPW 3030 & SPW 3000	6 credits Elective

All test scores for AP, IB, AICE and CLEP must be submitted to UNF Admissions as an official score report from the originating testing agency. Test scores recorded on your high school transcript are not official.

Test credit may count toward general education requirements, or prerequisites toward your major or electives.

UNF will honor a maximum of 45 hours of test credit from a student.

AP Course	Score	Equivalency	Credit Received
<b>History:</b>			
European History	3	EUH 1009	3 credits Elective
European History	4, 5	EUH 1000 & EUH 1001	6 credits Elective
U.S. History	3	AMH 1000	3 credits Elective
U.S. History	4, 5	AMH 2010 & AMH 2020	3 credits Elective 3 credits Critical Thinking
World History	3, 4, 5	WOH 2022	3 credits Critical Thinking
<b>Mathematics &amp; Statistics:</b>			
Calculus AB	3, 4, 5	MAC 2311	4 credits Quantitative
Calculus BC	3	MAC 2311	4 credits Quantitative
Calculus BC	4, 5	MAC 2311 & MAC 2312	8 credits Quantitative
Statistics	3, 4, 5	STA 2014	3 credits Quantitative
<b>Music:</b>			
Music Theory (* composite score of 3)	3*	MUT 1001	3 credits Elective
Music Theory (* if both aural and non-aural subscores are 3 or higher)	3*, 4, 5	MUT 1111 & MUT 1241	3 credits Critical Thinking 3 credits Elective
<b>Natural Sciences:</b>			
Biology	3	BSC 1005C	4 credits Scientific and Lab
Biology	4	BSC 1010C	4 credits Scientific and Lab
Biology	5	BSC 1010C & BSC 1011C	8 credits Scientific and Lab
Chemistry	3	CHM 1020C	4 credits Scientific and Lab
Chemistry	4	CHM 2045C	4 credits Scientific and Lab
Chemistry	5	CHM 2045C & CHM 2046C	8 credits Scientific and Lab
Environmental Science	3, 4, 5	ISC 1051	3 credits Scientific
Physics 1	3, 4, 5	PHY 2053C	4 credits Scientific and Lab
Physics 2	3, 4, 5	PHY 2054C	4 credits Scientific and Lab
Physics B	3	PHY 2053C	4 credits Scientific and Lab
Physics B	4, 5	PHY 2053C & PHY 2054C	8 credits Scientific and Lab
Physics C: Electricity/Magnetism	3	PHY 2054C	4 credits Scientific and Lab
Physics C: Electricity/Magnetism	4, 5	PHY 2049C	4 credits Scientific and Lab
Physics C: Mechanics	3	PHY 2053C	4 credits Scientific and Lab
Physics C: Mechanics	4, 5	PHY 2048C	4 credits Scientific and Lab
<b>Political Science:</b>			
Gov & Politics: Comparative	3, 4, 5	CPO 2002	3 credits Elective
Gov & Politics: United States	3, 4, 5	POS 2041	3 credits Critical Thinking
<b>Psychology:</b>			
Psychology	3, 4, 5	PSY 2012	3 credits Critical Thinking

# International Baccalaureate Credit

IB Course	Score	Equivalency	Credit Received
<b>Art Area:</b>			
Film Studies	4	FIL 1001	3 credits Critical Thinking
Film Studies	5, 6, 7	FIL 1001 & FIL 1002	3 credits Critical Thinking and 3 credits Elective
Music	4	MUL 1010	3 credits Critical Thinking
Music	5, 6, 7	MUL 1010 & MUL 1000	3 credits Critical Thinking and 3 credits Elective
Theatre Arts	4	THE 2000	3 credits Critical Thinking
Theatre Arts	5, 6, 7	THE 2000 & THE 2001	3 credits Critical Thinking and 3 credits Elective
Visual Arts	4	ART 1012	3 credits Elective
Visual Arts	5, 6, 7	ART 1012 & ART 1201C	3 credits Elective and 3 credits Prerequisite
<b>Business:</b>			
Business and Management	4	GEB 1011	3 credits Elective
Business and Management	5, 6, 7	GEB 1011 & MAN 2652	6 credits Elective
<b>Computing Technology:</b>			
Computer Science	4	CGS 1100	3 credits Elective
Computer Science	5, 6, 7	COP 1000 & CGS 1100	6 credits Elective
Information & Technology for a Global Society	4	CGS 1078	3 credits Elective
Information & Technology for a Global Society	5, 6, 7	CGS 1078 & CGS 1100	6 credits Elective
<b>Economics &amp; Geography:</b>			
Economics	4	ECO 1000	3 credits Elective
Economics	5, 6, 7	ECO 2013 & ECO 2023	3 credits Critical Thinking 3 credits Elective/Prerequisite
Geography	4	GEA 1000	3 credits Elective
Geography	5, 6, 7	GEO 2200 & GEO 2400	3 credits Elective 3 credits Critical Thinking
<b>English:</b>			
English A1	4	ENC 1101*	3 credits Communication
English A1	5, 6, 7	ENC 1101 & ENC 1102	6 credits Communication
English Lang A: Lang & Lit	4	ENC 1101*	3 credits Communication
English Lang A: Lang & Lit	5, 6, 7	ENC 1101 & ENC 1102	6 credits Communication
English Lang A: Lit	4	LIT 2000	3 credits Critical Thinking
English Lang A: Lit	5, 6, 7	LIT 2000 & ENC 1141	3 credits Critical Thinking and 3 credits Elective
<i>* if student already has credit for ENC 1101, their IB English credit will count as an English elective</i>			
<b>Foreign Language:</b>			
French	4	FRE 1121	4 credits Foreign Language
French	5, 6, 7	FRE 1121 & FRE 2240	7 credits Foreign Language
German	4	GER 1121	4 credits Foreign Language
German	5, 6, 7	GER 1121 & GER 2200	7 credits Foreign Language
Latin	4	LAT 1120	4 credits Elective
Latin	5, 6, 7	LAT 1120 & LAT 1230	7 credits Elective
Spanish	4	SPN 1121	4 credits Foreign Language
Spanish	5, 6, 7	SPN 1121 & SPN 2200	7 credits Foreign Language

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Test credit may count toward general education requirements, or prerequisites toward your major or electives.

UNF will honor a maximum of 45 hours of test credit from a student.

<b>IB Course</b>	<b>Score</b>	<b>Equivalency</b>	<b>Credit Received</b>
<b>History:</b>			
History	4, 5, 6, 7	WOH 1030	3 credits Elective
Islamic History	4	ASH 3223	3 credits Critical Thinking
Islamic History	5, 6, 7	ASH 3223 & ASH 1000	3 credits Critical Thinking 3 credits Elective
<b>Mathematics:</b>			
Math Studies	4	MAT 1033	3 credits Elective
Math Studies	5, 6, 7	MAT 1033 & MGF 1106	3 credits Elective 3 credits Quantitative
Math Methods	4	MAC 1105	3 credits Quantitative
Math Methods	5	MAC 1105 & MAC 1140	7 credits Quantitative
	6, 7	MAC 1140 & MAC 2233	7 credits Quantitative
Mathematics	4	MAC 1147	4 credits Quantitative
Mathematics	5	MAC 1147 & MAC 2233	4 credits Quantitative
	6, 7	MAC 2233 & MAC 2311	7 credits Quantitative
Further Mathematics	4	MHF 3202	3 credits Quantitative
Further Mathematics	5, 6, 7	MHF 3202 & MHF 2209	6 credits Quantitative
<b>Natural Sciences:</b>			
Biology	4	BSC 1005C	4 credits Scientific and Lab
Biology	5, 6, 7	BSC 1005C & BSC 1010C	8 credits Scientific and Lab
Chemistry	4	CHM 1020C	4 credits Scientific and Lab
Chemistry	5, 6, 7	CHM 1020C & CHM 2045C	8 credits Scientific and Lab
Ecosystems & Societies	4	EVR 1017 or EVR 1018	3 credits Elective
Ecosystems & Societies	5, 6, 7	EVR 1017 or EVR 1018 & ISC 1000	6 credits Elective
Environmental Systems	4	ISC 1050	3 credits Scientific
Environmental Systems	5, 6, 7	BSC 3057	6 credits Scientific
Physics	4	PHY 1020C	4 credits Scientific and Lab
Physics	5	PHY 1020C & PHY 1009	7 credits Scientific and Lab
Physics	6, 7	PHY 2053C & PHY 2054C	8 credits Scientific and Lab
<b>Philosophy:</b>			
Philosophy	4	PHI 2010	3 credits Critical Thinking
Philosophy	5, 6, 7	PHI 2010 & PHI 1000	3 credits Critical Thinking 3 credits Elective
<b>Social Sciences:</b>			
Psychology	4	PSY 2012	3 credits Critical Thinking
Psychology	5, 6, 7	PSY 2012 & PSY 1000	3 credits Critical Thinking 3 credits Elective
Social Anthropology	4	ANT 2410	3 credits Critical Thinking
Social Anthropology	5, 6, 7	ANT 2410 & ANT 1000	3 credits Critical Thinking 3 credits Elective

# Important Phone Numbers

The area code for the University of North Florida is 904.

<b>Admissions</b> .....	620-2624	<b>New Student Orientation</b> .....	620-1722
<b>Athletics</b> .....	620-2833	<b>Ombudsman</b> .....	620-1491
<b>Bookstore</b> .....	620-2665	<b>One-Stop Student Services</b> .....	620-5555
<b>Career Services</b> .....	620-2955	<b>Osprey Cafe</b> .....	620-2543
<b>Club Alliance</b> .....	620-1470	<b>Osprey 1Card Office</b> .....	620-4000
<b>Computer Help Desk</b> .....	620-4357	<b>Osprey Productions</b> .....	620-2460
<b>Counseling Center</b> .....	620-2602	<b>Parent &amp; Family Programs</b> .....	620-1567
<b>Disability Resource Center</b> .....	620-2769	<b>Parking Services</b> .....	620-2815
<b>Equal Opportunity &amp; Diversity</b> .....	620-2507	<b>Police Department</b> .....	620-2800
<b>First-Year Advising</b> .....	620-1012	<b>ROTC (Army)</b> .....	620-5310
<b>Fraternity &amp; Sorority Life</b> .....	620-2975	<b>Spinnaker Student Paper</b> .....	620-2727
<b>Health Promotion</b> .....	620-1570	<b>Student Academic Success Services</b> .....	620-5891
<b>Hicks Honors College</b> .....	620-2649	<b>Student Conduct Office</b> .....	620-3979
<b>Housing</b> .....	620-4663	<b>Student Financial Services</b> .....	620-2472
<b>International Center</b> .....	620-2657	<b>Student Government</b> .....	620-2750
<b>Library</b> .....	620-2615	<b>Volunteer Services</b> .....	620-2955
<b>Medical Clinic</b> .....	620-2900	<b>Wellness Complex</b> .....	620-5212
<b>Medical Compliance</b> .....	620-2175		
<b>Military and Veterans Resource Center</b> .....	620-5131		



This guide was published by First-Year Advising, April 2018.

Information contained in this guide is subject to change.

## Non-Discrimination, Equal Opportunity and Diversity Regulation

The University of North Florida is committed to providing an inclusive and welcoming environment for all who interact with our community. For more information regarding our regulation, please go to [www.unf.edu/president/policies\\_regulations/01-General/1\\_0040R.aspx](http://www.unf.edu/president/policies_regulations/01-General/1_0040R.aspx)