# Health and Pre-Professional Majors at FSU

## ATHLETIC TRAINING

**What is it?**
- A study in care and prevention of sports related injury and illness with pre-professional focus areas in Pre-Med, Physical Therapy and Physician Assistant, and Athletic Training.

**What will I study?**
- Health care skills and practices through coursework and clinical experiences to include: health promotion, prevention, clinical examination, diagnosis, and treatment of illness and injury

**What courses will I need before I start?**
- College Algebra and Precalculus
- Analytic Trigonometry
- Introduction to Applied Statistics
- General Biology I w/ Lab
- General Chemistry I w/ Lab
- General Chemistry II w/ Lab
- General Physics A w/ Lab
- Anatomy and Physiology I & II w/ Lab
- Science of Nutrition
- Introduction to Athletic Training
- General Psychology

**Who can I contact for information?**
- College of Human Sciences Advising chs-advising@fsu.edu

## COMMUNICATION SCIENCE & DISORDERS

**What is it?**
- A pre-professional degree required to gain entry to a graduate program in Speech-Language Pathology or Audiology. The major is limited access with an application process.

**What will I study?**
- Human communication and disorders: anatomy and physiology of hearing; sound and perception; communication systems; neurological bases of speech, language, and hearing impairments

**What courses will I need before I start?**
- Statistics
- Biological Science
- Physical Science (Chemistry or Physics)
- Social/Behavioral Science

**Who can I contact for information?**
- CCI Advising advising@cci.fsu.edu

## FAMILY AND CHILD SCIENCES (Child Development)

**What is it?**
- A discipline that prepares students to work with children and families to promote quality of life in a variety of settings such as schools, child care centers, in- and out-patient facilities.

**What will I study?**
- Applied developmental sciences: human and family life development across stages and settings; child guidance and parenting; family diversity; related public policy issues; pre-professional development

**What courses will I need before I start?**
- Statistics
- Child Growth and Development
- Family Relationships
- Contexts of Adolescent Development
- Contexts of Adult Development

**Who can I contact for information?**
- Tina Beck, Academic Advisor cbeck2@fsu.edu

## DIETETICS

**What is it?**
- Didactic Program in Dietetics (DPD) that gives verification needed to pursue a dietetic internship required to take the national Registration Examination for Dieticians.

**What will I study?**
- Food Science: medical nutrition; management and service; nutrition in sports; safety and quality; biochemistry and metabolism

**What courses will I need before I start?**
- College Algebra
- General Chemistry I w/ Lab
- General Chemistry II w/ Lab
- Survey of Organic Chemistry w/ Lab
- Anatomy and Physiology w/ Lab
- Science of Nutrition
- Microbiology w/ Lab
- General Psychology
- Computer Literacy
- Economics

**Who can I contact for information?**
- College of Human Sciences Advising chs-advising@fsu.edu

---

Other majors you may want to consider: Biological Science, Special Education, Psychology*, Sociology

Program information subject to change.

* denotes majors that are also available at the Panama City Campus. † denotes majors that are also available as Distance Learning.

Please refer to the FSU Academic Program Guide (academic-guide.fsu.edu) and Match Major Sheets (career.fsu.edu/resources) for specific course numbers & more information.

Effective Summer 2017

Please flip over for additional majors ➔
# Health and Pre-Professional Majors at FSU

## Interdisciplinary Medical Sciences
**What is it?**
A degree program with 3 majors designed to provide background knowledge to prepare students for work in a variety of health care careers.
1. Community Patient Care major
2. Health Management, Policy & Information major
3. Pre-Health Professions major

**What will I study?**
A rigorous science curriculum serves as the foundation for this degree coupled with exploration of health care career options through the IMS experiential service learning seminar series and a Senior Capstone course.

**What courses will I need before I start?**
- College Algebra and Precalculus
- Analytic Trigonometry
- General Biology I w/ Lab
- General Biology II w/ Lab
- General Chemistry I w/ Lab
- General Chemistry II w/ Lab
- General Psychology

**Who can I contact for information?**
IMS Advising Office
imsadvising@med.fsu.edu

---

## Exercise Physiology
**What is it?**
A pre-professional degree that prepares students for graduate study in exercise physiology, physical therapy, and other health fields including medical school, as well as positions as personal trainers and health fitness instructors.

**What will I study?**
Applied developmental sciences: anatomy and physiology, nutrition, metabolism, eating disorders, strength and conditioning, exercise and wellness

**What courses will I need before I start?**
- College Algebra and Precalculus
- Analytic Trigonometry
- General Biology I w/ Lab
- General Chemistry I w/ Lab
- General Chemistry II w/ Lab
- General Psychology
- Science of Nutrition

**Who can I contact for information?**
College of Human Sciences Advising
chs-advising@fsu.edu

---

## Nursing
**What is it?**
A pre-professional (BSN) degree that qualifies graduates to take the state board exam for licensure to practice as a registered nurse. The major is limited access with a highly selective application and interview process.

**What will I study?**
Nursing skills and practices through coursework and clinical experiences to include: pharmacology; pathophysiology; health assessment, wellness and prevention across the lifespan; care of vulnerable and complex populations

**What courses will I need before I start?**
- Statistics
- General Biology I or Chemistry I
- Anatomy and Physiology I & II w/ Lab
- Microbiology w/ Lab
- Science of Nutrition
- Psychology or Sociology
- Individual & Life Span Development

**Who can I contact for information?**
Linda Burns, Academic Advisor
lburns@fsu.edu

---

## Visual Disabilities
**What is it?**
A major that prepares graduates to work in an educational environment with students who are blind or have low vision, and to prepare these students to be fully realized people in the real world. The major is limited access with an application process for Fall admission only.

**What will I study?**
Anatomy and diseases of the eye; braille; assessment of visual impairments; academic instruction and modification for visually impaired students; mobility; how to teach social, life, and career skills

**What courses will I need before I start?**
- Introduction to Education
- Developmental Course
- Completion of all General Education Requirements or Florida A.A. degree
- Passing score on General Knowledge (GK) portion of the Florida Teacher Certification Exam (FTCE)

**Who can I contact for information?**
Bob Birken, Academic Advisor
rbirken@fsu.edu

---

Other majors you may want to consider: Biological Science, Special Education, Psychology*, Sociology

Program information subject to change.

* denotes majors that are also available at the Panama City Campus. † denotes majors that are also available as Distance Learning.

Please refer to the FSU Academic Program Guide [academic-guide.fsu.edu](https://academic-guide.fsu.edu) and Match Major Sheets [career.fsu.edu/resources](https://career.fsu.edu/resources) for specific course numbers & more information.

Effective Summer 2017

Please flip over for additional majors ➔