

# Athletic Training

For Major

Hours Required in HPE:	54
Hours Required in Other Departments:	27
<b>Total Hours Required</b>	<b>81</b>

## Major

### Director:

John Wright, Assistant Professor, Department of Health and Physical Education

### Assistant Professor:

Wright

### Head Athletic Trainer:

Zaloga

### Assistant Athletic Trainers:

Schoenly, Wright

- The Athletic Training Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).
- Special entrance requirements are designed to insure that students are capable of completing the rigorous curriculum and will have the ability to pass the Board of Certification (BOC) exam for athletic training.
- You must pass the BOC exam to become a Certified Athletic Trainer.

## Admission Requirements

To be considered for full admission into the Athletic Training Education Program (ATEP), the student must meet each of the following criteria:

1. Completion of a minimum of 28 semester hours. Transfer students are required to have prerequisite course work approved by the Program Director.
2. A minimum 2.5 overall GPA.
3. A minimum of a "C" grade in each of the following courses:
  - a. BIOL 149 General Biology
  - b. HEED 103 Foundations of Exercise & Sport Science
  - c. HEED 206 Introduction to Athletic Training
4. Satisfactory completion of 50 observational hours in the FSU athletic training room. The student must make arrangements with the Program Director prior to starting observation.
5. A completed formal application for admission into the ATEP including an essay.
6. Two completed recommendation forms from non-Athletic Training faculty members.
7. Completion of a formal interview with the ATEP selection committee.
8. Signed copy of the Technical Standards for admission into the Athletic Training Program.

The total number of students that can be accepted into the program is dependent on the availability of clinical placements. Meeting the criteria listed in the section on the Application Review Process does not guarantee acceptance into the Athletic Training Program.

In addition to the previous criteria, the student must complete a physical examination that includes each of the following:

- Clearance on TB testing
- Meningococcal vaccination
- Hepatitis B vaccination

## Application Review Process

1. Students who have met the above minimum requirements will be evaluated on the following scale:

Overall GPA	25 points possible
Prerequisite GPA	25 points possible
Faculty Recommendations	20 points possible
Interview	15 points possible
Application/Essay	15 points possible
	100 points possible

2. The following scale will be used to evaluate the quality of the applicant.

**100 – 75 points** Student recommended for full admission  
**74 - 70 points** Student *provisionally admitted* for one academic year (if clinical placements available)

**Below 70 points** Student rejected for admission/may reapply next academic year

**Provisional Admission** Student is admitted into program with the stipulation that he/she must rectify deficiencies identified by the ATEP admission committee by the end of the next academic year

## Maintaining Advanced Good Standing in Athletic Training Education Program

Once admitted, the Athletic Training student must maintain the following to remain fully admitted:

1. A minimum overall GPA of 2.5
2. A minimum grade of "C" in each of the required courses in the major
3. Current certifications in First Aid and CPR
4. Attendance at the annual OSHA bloodborne pathogens presentation

Students who fail to meet 1 and/or 2 have one academic year to correct the deficiency before being dismissed from the ATEP.

Violations of 3 and/or 4 will result in an immediate suspension of clinical experiences until the student is in compliance.

## Summary of Requirements for Major in Athletic Training

Major

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### 1. HPE Courses:

(54 hours)

- HEED 103 Foundations of Exercise & Sport Science
- HEED 200 Nutrition
- HEED 206 Introduction to Athletic Training
- HEED 210 Athletic Taping and Bracing Techniques
- HEED 222 Emergency Medical Techniques in Athletic Training
- HEED 223 Clinical Experiences in Athletic Training I
- HEED 306 Organization & Administration of Exercise & Sport Science
- HEED 318 Orthopedic Assessment I Upper Extremity
- HEED 319 Orthopedic Assessment II Lower Extremity
- HEED 320 Pharmacology and General Medical Conditions
- HEED 322 Clinical Experiences in Athletic Training II
- HEED 323 Clinical Experiences in Athletic Training III
- HEED 408 Therapeutic Modalities in Sports Medicine
- HEED 413 Rehabilitation Techniques in Sports Medicine
- HEED 422 Clinical Experiences in Athletic Training IV (*Capstone*)
- HEED 423 Clinical Experiences in Athletic Training V (*Capstone*)
- PHEC 175 Foundations of Resistance Training
- PHEC 303 Biomechanics for Exercise and Sport Science
- PHEC 401 Physiology of Exercise
- PHEC 410 Advanced Strength Training
- PHEC 411 Evaluation and Prescription in Fitness
- PHEC 435 Lifespan Health and Fitness

### 2. Courses in Other Departments:

(27 hours)

- BIOL 149 General Biology (*GEP Group C*)
- BIOL 201 Anatomy & Physiology I
- BIOL 202 Anatomy & Physiology II
- MATH 209 Elements of Applied Probability and Statistics (*Core Skill 3*)
- PHIL 101 Introduction to Philosophy (*GEP Group B*)
- PHIL 313 Biomedical Ethics
- PSYC 150 General Psychology (*GEP Group D*)
- PSYC 430 Health Psychology

# Coaching

## Minor

### Coordinator:

Troy Strieby, Assistant Professor, Department of Health and Physical Education

### Professors:

R. Lewis, Surgent

### Assistant Professors:

Strieby, Wright

### Head Athletic Trainer:

Zaloga

- Field experience required in school program. Recommended during senior year.
- You cannot major in coaching.

For Minor

Hours Required in HPE:	22
Hours Required in Other Departments:	0
<b>Total Hours Required:</b>	<b>22</b>

## Summary of Requirements for Minor in Coaching

Minor

*All of the following:*

*(16 hours)*

HEED 305 Care and Prevention of Athletic Injuries

PHEC 175 Foundations of Resistance Training

PHEC 405 Psycho-Social Foundations of Sport

PHEC 412 Principles of Coaching

PHEC 420 Sports Law and Ethics

PHEC 481 Field Experience in Coaching

*Two from among:*

*(6 hours)*

PHEC 360 Theory of Track & Field

PHEC 361 Theory of Football

PHEC 362 Theory of Baseball

PHEC 364 Theory of Basketball

PHEC 365 Theory of Volleyball

PHEC 366 Theory of Soccer

PHEC 369 Theory of Softball

# Educational Professions

## Professors:

Azzi, Bingman, Cushall,  
Dow, T. Palardy, Wheaton,  
K. Witmer

## Associate Professors:

Crawford, Finan, Golden  
(Chair), Holmes, B.  
Ornstein, Rotruck,  
Schweiker-Marra, O.  
Simmons, Snyder, Wakefield  
(Associate Chair)

## Assistant Professors:

Boayue, Childs, De La Paz,  
Diehl, James, S. Pack,  
Stephenson, J. Welsch

## Instructors:

Milleson, Tobery-Nystrom

- You may elect to major in one of two areas: Early Childhood/Elementary Education or Elementary Education.
- All elementary majors are required to have an area of specialization.
- Professional education sequences for secondary and K-12 programs are provided in cooperation with other departments (see separate sections of this catalog).
- You cannot minor in education.
- An internship is required.
- You must complete application for each phase of the program. The requirements for entry in phases are described in this section.
- Further information is available in the Undergraduate Teacher Education Handbook available in Framptom Hall 220.

## Teacher Education Programs

The Educational Professions Department offers an Early Childhood/Elementary major leading to eligibility for certification in nursery school through grade 6 and middle school and an Elementary Education major leading to eligibility for certification in grades 1-6 and middle school.

The Educational Professions Department also offers approved teacher education programs leading to eligibility for certification in Secondary Education (biology, chemistry, English, foreign languages - French and Spanish, earth science, mathematics, physics, social studies), for grades 7-12 as well as middle school depending on subject area, and K-12 Education (art, music, health and physical education) for grades kindergarten-12. Requirements for these majors and programs are listed in the catalog under Education: Early Childhood/Elementary Program, Elementary Program, Secondary School Programs, K-12 Programs and departments offering the areas of content specialization.

The teacher education programs are committed to preparing professionals who are able to provide quality instruction, service, and leadership in a global community. The conceptual framework upon which each program rests focuses on the knowledge, skills and dispositions needed to develop powerful learning communities. The university, the public schools, parents and other community members link together using their hands, heads and hearts to prepare the finest pre-service teacher candidates. Educational Professions' graduates are expected to be dedicated professionals, instructional leaders, continuous assessors, educational advocates, collaborative bridge-builders and reflective decision-makers.

## Eligibility for Teacher Certification in Maryland

For eligibility for certification in the Early Childhood/Elementary program or the Elementary program, candidates must complete the approved program requirements as listed, university graduation requirements and Praxis testing requirements. Passing Praxis II, demonstrating the knowledge and skills of a specialized content area at the Maryland State Department of Education prescribed score, is required to gain teacher certification. Therefore, candidates must take Praxis II to become program completers and to graduate in an approved teacher education program. Completion of K-12 teacher education programs and the secondary professional sequence also requires taking Praxis II.

Candidates may apply for a certificate of eligibility directly to the Maryland State Department of Education or may apply for a Standard Professional Certificate I through the personnel office of a county offering employment.

## Eligibility for Teacher Certification in Other States

If candidates wish to gain a teaching license in a state other than Maryland, candidates need to check the certification requirements in the state(s) for the program in which they wish to teach, including the passing standard for Praxis in that state. Having a Maryland certificate of eligibility may prove helpful in the out-of-state certification effort.

## Approved Program

Since NCATE (National Council for Accreditation of Teacher Education) and the Maryland State Department of Education have approved FSU's teacher education programs, the Department of Educational Professions authorizes the Registrar's Office to affix an approved program stamp on your official transcript upon satisfactory completion of all requirements.

## Special Admission Criteria

In addition to the requirements set forth in the summaries of requirements for majors in Early Childhood/Elementary and Elementary Education, the Professional Education Sequences for Secondary Programs, and K-12 Programs (found in separate sections of this catalog), applicants must meet the following phase admission requirements in order to be accepted into and complete an education program. Application deadlines for Phase I, Phase II and Phase III for all candidates, including transfers, are established in October for spring semester and in May for fall semester by the Office of Unit Assessment.

## Accreditation

Teacher Education Programs are accredited by the State of Maryland under the Redesign for Teacher Education and by the National Council for Accreditation of Teacher Education. Further, the education programs are recognized by 14 professional content area associations which offer national recognition for being compliant with national standards. The University will continue to update education programs and discipline requirements in the major or specialization to meet national and state standards and directives, making substitutions when required. Check with the Department of Educational Professions for current information.

**Pre-Phase Requirement**

1. EDUC 100 students are required to be certified free of TB prior to fieldwork.

**Phase I Admission Requirements (Program Entrance)**

1. Completion of at least 45 credit hours.
2. Cumulative GPA of at least 2.5 (including all grades from transfer institutions).
3. Passing grade on PRAXIS I as established by the state of Maryland.
4. C or above in ENGL 101/111.
5. Twenty (20) documented hours of working with diverse populations.\*
6. Declaration of a major. Transfer students must indicate intended major at transfer institutions.
7. Successful completion of technology inventory.\*
8. Certified free of TB.
9. Completion of consent and release form. \*\*

**Additional Phase I Requirements for Early Childhood/Elementary and Elementary Education Majors**

1. C or above in MATH 206.
2. Grade of C or above in EDUC 100.
3. Declaration of specialization.

**Additional Phase I Requirements for Secondary and K-12 Majors**

1. C or above in Core Skill 3 (Math).
2. Grade of C or above in EDUC 100 (Secondary only).

**Phase II Admission Requirements**

1. Completion of at least 60 credit hours (Junior standing).
2. Cumulative GPA of a least 2.5 (including final grade point averages from transfer institutions).
3. C or better in each of the Phase I courses designated by program.
4. Cumulative GPA of 2.5 in each of the Phase I courses designated by program.
5. GPA of 2.5 in major (K-12/secondary only).
6. Grade of P in EDUC 200.
7. Grade of C or better in ENGL 308 or equivalent.
8. Completion of at least one course in each of groups A, B, C and D of the GEP.
9. Positive recommendation of advisor.
10. Seventy-five percent or 18 credits of content major or specialization completed with study plan submitted to the Office of Unit Assessment.
11. Grade of C or better in MATH 207 (ECE/ELEM and ELEM majors).

**Admission Requirements for Professional Development Schools**

1. Successful completion of EDUC 307 (field work). (ECE/ELEM and ELEM majors)
2. Cumulative GPA of at least 2.5.
3. GPA of 2.5 in major with no grade less than C in Block I courses.
4. Successful completion of a collaborative entrance interview into a PDS.

**Phase III Admission Requirements**

1. Completion of at least 90 credit hours (senior standing).
2. Cumulative GPA of at least 2.60.
3. GPA of at least 2.75 in all required education courses.
4. GPA of at least 2.75 in content major or area of specialization.
5. Grade of C or better in each Phase II course.

**Special Note:**

- If you complete all three Educational Technology courses (EDUC 346, 447, 448) with grades of C or better in each course, you will fulfill the University's technology fluency requirement

\* According to departmental format.

\*\* Confirming that candidate is free of convictions that would disqualify him/her from obtaining certification in Maryland.

6. Successful completion of Phase II field work.
7. Approval of Program Coordinator.
8. Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education.

### Program Exit Requirements

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.

## Early Childhood/Elementary Education

### Major

#### Professors:

Azzi, Bingman, Cushall,  
Dow, T. Palardy, Wheaton,  
K. Witmer

#### Associate Professors:

Finan, Golden (Chair),  
Holmes, B. Ornstein,  
Rotruck, Schweiker-Marra,  
O. Simmons, Snyder,  
Wakefield (Associate  
Chair)

#### Assistant Professors:

Boayue, Childs, De La Paz,  
Diehl, S. Pack,  
Stephenson, J. Welsch

#### Instructors:

Milleson, Tobery-Nystrom

- The requirements in numbers 1-4 list specific hours required in other departments. These requirements include but go beyond the University GEP.
- You must complete the 24 hour early childhood specialization.
- You must complete application for each phase of the program.
- The requirements for entry into phases are listed in the Educational Professions section of this catalog.

	For Major
Hours Required in Education:	72
Hours Required in Other Departments:	60
<b>Total Hours Required:</b>	<b>132</b>

### Summary of Requirements for Major in Early Childhood/Elementary Education

Directed academic course requirements within and beyond the University GEP

#### Major

1. **Completion of Core Skills:** (9 hours)
2. **Specific Hours for Early Childhood/Elementary Education Majors:** (27 hours)
  - Fine Arts Component** (3 hours; satisfies GEP Group A)  
ART 110 Visual Imagery
  - English (Literature)** (3 hours; GEP Group B)  
ENGL 150/250 Intro. to Literature
  - History** (3 hours; GEP Group B)  
HIST 100/111 The Contemporary World in Historical Perspective
  - Mathematics** (9 hours; 3 hours satisfy Core Skill 3)  
MATH 206 Problem Solving for Elementary Teachers I  
MATH 207 Problem Solving for Elementary Teachers II  
MATH 209 Elements of Applied Probability and Statistics (Core Skill 3)  
or MATH 102 College Algebra (Core Skill 3)
  - Natural Science** (12 hours; at least 8 satisfy GEP Group C)
    - a. BIOL 109 Human Biology and the Environment or BIOL 149 General Biology I
    - b. PHYS 203 Physical Science
    - c. 4 hour lab science elective - GEP recommended
  - Social Science** (3 hours; GEP Group D)  
GEOG 104 Human Geography
3. **Additional GEP Requirements:** (12 hours)
  - a. Social Science (3 hours minimum – GEP Group D) (Check specialization for GEP possibilities).
  - b. IDIS 150/151 First-Year FSU Colloquium (required) and IDIS 350/351 Advanced FSU Colloquium or select one additional Modes of Inquiry course from Groups A-D. You may select a GEP 4-credit science course for the third science course required for Early Childhood/Elementary majors or check specialization for GEP possibilities.
  - c. Identity and Difference (3 hours; GEP Group F) (Check specialization for GEP possibilities).
4. **Professional Education Courses Required Prior to Entrance to Phase III:** (6 hours)
  - MUSC 350 Music and Creative Interaction for the Elementary Classroom (3)
  - PHEC 309 Health and Physical Education for the Elementary Classroom (3)
5. **Specialization** (24 hours; 2 courses satisfy GEP)
  - a. ART 110 Visual Imagery (3 hours satisfy GEP Group A)
  - b. PSYC 150/151 General Psychology (3 hours satisfy GEP Group D)
  - c. PSYC 210 Child Development

- Consider a double major in Liberal Studies (see the major description in this catalog).
  - The Early Childhood/Elementary Education major (early childhood specialization) can be completed on the Frostburg campus and, in cooperation with area community colleges, at the University System of Maryland at Hagerstown.
- d. EDUC 290 Field Experiences in Education (3 hours required during Phase I. Proposal written during ECED 293)
  - e. All of the following (12 hours)
    - ECED 150 Early Childhood Foundations (taken Pre-Phase I)
    - ECED 293 Early Childhood Learning Environment, Materials and Methods (taken Pre-Phase I after ECED 150)
    - ECED 431 Early Childhood Education Curriculum Development, Implementation and Assessment (taken during Block II)
    - ECED 443 Adults in the Child's World (taken during Block I)
6. **Professional Education Courses Required Prior to or Concurrent with Phase I: (4 hrs.)**
    - EDUC 100 Career Analysis in Education (1)
    - EDUC 201 Students, Teachers, and Learning Environments (3)
  7. **Professional Education Sequence: (53 hours)**
    - PHASE I (11 hours)**
      - EDUC 200 Phase I Teaching and Professional Assessment Laboratory (1)
      - EDUC 202 Foundations of Learning and Instruction (3)
      - EDUC 346 Educational Technology Laboratory I (1)
      - EDUC 376 Special and Multicultural Education (3)
      - REED 323 Process and Acquisition of Reading (3)
    - PHASE II, Block 1 (14 hours)**
      - EDUC 447 Educational Technology Laboratory II (1)
      - ELED 307 Block 1 Clinical and Professional Assessment Component (1)
      - ELED 471 Mathematics Curriculum, Methods and Assessment (3)
      - ELED 474 Science Curriculum, Methods and Assessment (3)
      - ELED 475 Social Studies Curriculum, Methods and Assessment (3)
      - REED 473 Reading Instruction (3)
    - PHASE II, Block 2 (13 hours)**
      - EDUC 448 Educational Technology Laboratory III (1)
      - REED 420 Assessment for Reading Instruction (3)
      - REED 425 Materials and Motivations for Reading (3)
      - ELED 494 Teaching Internship I: N-8 (6)
    - PHASE III (15 hours)**
      - EDUC 422 Leadership Seminar N-8\*(3) (Capstone)
      - ELED 495 Teaching Internship II: N-8 (12) (Capstone)
  8. **Other Graduation/Program Exit Requirements**
    - a. Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
    - b. Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

# Elementary Education

For Major

Hours Required in Education:	57
Hours Required in Other Departments:	75
<b>Total Hours Required:</b>	<b>132</b>

## Major

### Professors:

Azzi, Bingman, Cushall,  
Dow, T. Palardy, Wheaton,  
K. Witmer

### Associate Professors:

Finan, Golden (Chair),  
Holmes, B. Ornstein,  
Rotruck, Schweiker-Marra,  
O. Simmons, Snyder,  
Wakefield (Associate Chair)

### Assistant Professors:

Boayue, Childs, De La Paz,  
Diehl, S. Pack, Stephenson,  
J. Welsch

### Instructors:

Milleson, Tobery-Nystrom

- The requirements in numbers 1-3 at right list specific hours required in other departments. These requirements include but go beyond the University GEP.
- You must complete an approved 24 hour specialization.
- You must complete application for each phase of the program.
- The requirements for entry into phases are described in the Educational Professions section of this catalog.
- Consider a double major in Liberal Studies (see the major description in this catalog).

## Summary of Requirements for Major in Elementary Education

Directed academic course requirements within and beyond the University GEP

Major

- 1. Completion of Core Skills: (9 hours)**
- 2. Specific Hours for Elementary Education Majors: (27 hours)**
  - Fine Arts Component (3 hours; satisfies GEP Group A)**  
ART 110 Visual Imagery
  - English (Literature) (3 hours; GEP Group B)**  
ENGL 150/250 Intro. to Literature
  - History (3 hours; GEP Group B)**  
HIST 100/111 The Contemporary World in Historical Perspective
  - Mathematics (9 hours; 3 satisfy Core Skill 3)**  
MATH 206 Problem Solving for Elementary Teachers I  
MATH 207 Problem Solving for Elementary Teachers II  
MATH 209 Elements of Applied Probability and Statistics (Core Skill 3)  
or MATH 102 College Algebra (Core Skill 3)
  - Natural Science (12 hours; at least 8 satisfy GEP Group C)**
    - BIOL 109 Human Biology and the Environment or BIOL 149 General Biology I
    - PHYS 203 Physical Science
    - 4 hour lab science elective - *GEP recommended*
  - Social Science (3 hours; GEP Group D)**  
GEOG 104 Human Geography
- 3. Additional GEP Requirements: (12 hours)**
  - Social Science (3 hours minimum — see GEP Group D)
  - IDIS 150/151 First-Year FSU Colloquium (required) and IDIS 350/351 Advanced FSU Colloquium or select one additional Modes of Inquiry course from Groups A-D. *You may select a 4-credit GEP science course for the third science course required for Elementary majors or check specialization for GEP possibilities.*
  - Identity and Difference, GEP Group F (3 hours). *Check specialization for GEP possibilities.*
- 4. Professional Education Courses Required Prior to Entrance to Phase III: (6 hours)**  
MUSC 350 Music and Creative Interaction for the Elementary Classroom (3)  
PHEC 309 Health and Physical Education for the Elementary Classroom (3)
- 5. Specializations (24 hours, 2 courses count for GEP)**  
A 24 hour specialization must be completed in one of the following areas: Mathematics, General Science, Social Studies, Language Arts or an Approved Individualized Specialization. Requirements for each specialization are available in the Department of Educational Professions.
- 6. Professional Education Courses Required Prior to or Concurrent with Phase I: (4 hours)**  
EDUC 100 Career Analysis in Education (1)  
EDUC 201 Students, Teachers, and Learning Environments (3)
- 7. Professional Education Sequence (53 hours)**
  - PHASE I (11 hours)**  
EDUC 200 Phase I Teaching and Professional Assessment Laboratory (1)  
EDUC 202 Foundations of Learning and Instruction (3)  
EDUC 346 Educational Technology Laboratory I (1)  
EDUC 376 Special and Multicultural Education (3)  
REED 323 Process and Acquisition of Reading (3)
  - PHASE II, Block 1 (14 hours)**  
EDUC 447 Educational Technology Laboratory II (1)  
ELED 307 Block 1 Clinical and Professional Assessment Component (1)

ELED 471 Mathematics Curriculum, Methods and Assessment (3)  
 ELED 474 Science Curriculum, Methods and Assessment (3)  
 ELED 475 Social Studies Curriculum, Methods and Assessment (3)  
 REED 473 Reading Instruction (3)

**PHASE II, Block 2 (13 hours)**

EDUC 448 Educational Technology Laboratory III (1)  
 ELED 494 Teaching Internship I: N-8 (6)  
 REED 420 Assessment for Reading Instruction (3)  
 REED 425 Materials and Motivations for Reading (3)

**PHASE III (15 hours)**

EDUC 422 Leadership Seminar N-8 (3) (*Capstone*)  
 ELED 495 Teaching Internship II: N-8 (12) (*Capstone*)

**8. Other Internship Requirements**

Students wishing to have an internship placement in a middle school must take EDUC 445 Middle School Curriculum Methods (3 hours) during the semester in which they are enrolled in Phase II Block I.

**9. Other Graduation/Program Exit Requirements**

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- Verification of taking Praxis II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

## K-12 Programs

### Teaching Certification

**Contact:**

William P. Childs, Assistant Professor, Department of Educational Professions

**Professors:**

Azzi, Cushall, K. Soderberg-Sarnaker, Wheaton

**Associate Professors:**

Golden (Chair), Schweiker-Marra

**Assistant Professors:**

Childs, J. Welsch

**Instructors:**

Milleson, L. Simpson

- You must complete an application for each phase of the program.
- The requirements for entry into phases are listed in the Educational Professions section of this catalog.
- The courses of study to be followed in academic content areas are established by the individual departments (art, health and physical education, music).

### Professional Education Sequence for K-12 Programs

**ART**

**Pre-Phase I** EDUC 201 Students, Teachers, and Learning Environments (3 hours)

**Phase I** EDUC 200 Phase I Teaching and Professional Assessment Laboratory (7 hours)  
 EDUC 202 Foundations of Learning & Instruction  
 REED 317 Content Area Reading

**Phase II** EDUC 300 Phase II Teaching and Professional Assessment Laboratory (14.5 hours)  
 EDUC 392 K-12 Field Experience  
 EDUC 450 Art Education Methods for the Secondary Teacher  
 EDUC 451 Art Education Methods for the Elementary Teacher  
 REED 418 Reading and Writing Connections  
 SPED 451 Adapting Instruction in Diverse Classrooms

**Phase III** EDUC 406 Leadership Seminar (14 hours)  
 EDUC 497 Teaching Internship, K-12 Program

**Other Graduation/Program Exit Requirements**

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

**MUSIC**

**Pre-Phase I** EDUC 201 Students, Teachers, and Learning Environments (3 hours)

**Phase I** EDUC 200 Phase I Teaching and Professional Assessment Laboratory (7 hours)  
 EDUC 202 Foundations of Learning & Instruction  
 REED 317 Content Area Reading

**Phase II** EDUC 300 Phase II Teaching and Professional Assessment Laboratory (16.5 hours)  
 EDUC 354 General Music Methods in Elementary School  
 EDUC 355 General Music Methods in Secondary School  
 EDUC 392 K-12 Field Experience

- You cannot major or minor in K-12 education.

MUSC 352 Choral Music Methods  
 or MUSC 353 Instrumental Music Methods  
 REED 418 Reading and Writing Connections  
 SPED 451 Adapting Instruction in Diverse Classrooms

**Phase III** EDUC 406 Leadership Seminar  
 (14 hours) EDUC 497 Teaching Internship, K-12 Program

#### Other Graduation/Program Exit Requirements

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

#### HEALTH & PHYSICAL EDUCATION

**Pre-Phase I** EDUC 100 Career Analysis in Education  
 (4 hours) EDUC 201 Students, Teachers, and Learning Environments

**Phase I** EDUC 202 Foundations of Learning & Instruction  
 (7 hours) EDUC 346 Educational Technology Lab I  
 REED 317 Content Area Reading

**Phase II** EDUC 392 K-12 Field Experience  
 (11 hours) EDUC 447 Educational Technology Lab II  
 HEED 404 Health Instruction  
 PHEC 418 Physical Education in the Secondary School  
 REED 418 Reading and Writing Connection

**Phase III** EDUC 406 Leadership Seminar  
 (15 hours) EDUC 448 Educational Technology Lab III  
 PHEC 497 Teaching Internship, K-12 Program (*Capstone*)

#### Other Graduation/Program Exit Requirements

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

## Secondary Programs

### Teaching Certification

#### Contact:

William P. Childs, Assistant Professor, Department of Educational Professions

#### Professors:

Azzi, Cushall, K. Parks, Wheaton

#### Associate Professors:

Golden (Chair), Schweiker-Marra

#### Assistant Professors:

Childs, James, J. Welsch

#### Instructors:

Milleson

The courses of study to be followed in academic content areas are established by individual departments. You may select the secondary school teaching certification option in addition to completing the major in the following fields:

- biology
- chemistry
- English
- foreign languages & literature (certification in concentration, French or Spanish)
- earth science
- mathematics
- physics
- social science

If you are majoring in economics, geography, history, political science, social science, or sociology, you are strongly advised to meet Maryland State certification requirements in social studies or have a second major in which you can be assigned for student teaching.

### Professional Education Sequence for Secondary Programs

**Pre-Phase I** EDUC 100 Career Analysis in Education  
 (4 hours) EDUC 201 Students, Teachers, and Learning Environments

**Phase I** EDUC 200 Phase I Teaching and Professional Assessment Laboratory  
 (8 hours) EDUC 202 Foundations of Learning & Instruction  
 EDUC 346 Educational Technology Lab I  
 REED 317 Content Area Reading

- You must complete an application for each phase of the program.
- The requirements for entry into phases are listed in the Educational Professions section of this catalog.
- You cannot major or minor in Education: Secondary Programs

- Phase II** (15.5 hours) EDUC 300 Phase II Teaching and Professional Assessment Laboratory  
EDUC 391 Teaching Internship I: Secondary Education  
REED 418 Reading and Writing Connections  
SCED 410 Secondary Methods and Curriculum  
EDUC 447 Educational Technology Lab II  
SPED 451 Adapting Instruction in Diverse Classrooms  
*One course from among the following:*  
SCED 411, 414, 415, 419, or 420 (*content-specific methods courses*).
- Phase III** (15 hours) EDUC 406 Leadership Seminar  
EDUC 448 Educational Technology Lab III  
SCED 496 Teaching Internship II: Secondary Education (*Capstone*)

#### Other Graduation/Program Exit Requirements

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

## Secondary/Adult Generic Special Education

### Teaching Certification

#### Certificate

#### Coordinator:

Oma Gail Simmons, Associate Professor, Department of Educational Professions

- You must meet all phase admission requirements as listed in the Educational Professions section of this catalog.
- If you have officially declared your intent to complete this certificate, you may count the nine graduate credits required towards your undergraduate degree.
- If you have dual certification in a content area and in special education, you will be sought after as a master teacher.
- If you already have a bachelor's degree and hold secondary or K-12 certification, you may attain dual certification through the M.Ed. in Special Education (see the FSU Graduate Catalog).

Hours Required in Education	30
Hours Required in Other Departments	3
<b>Total Hours Required</b>	<b>33</b>

You are eligible to complete the upper-division certificate in Secondary/Adult Generic Special Education if you are a currently enrolled undergraduate student earning secondary or K-12 teaching certification along with a major in your content discipline.

### Summary of Requirements for Certificate in Secondary/Adult Generic Special Education

(33 hours)

EDUC 202 Foundations of Learning and Instruction\*  
PSYC 210 Child Development  
*or* PSYC 212 Adolescence and Adulthood  
REED 317 Content Area Reading\*  
REED 418 Reading and Writing Connections\*  
SPED 451 Adapting Instruction in Diverse Classrooms\*  
SPED 462 Introduction to the Education of Exceptional Children  
SPED 601 Assessment, Diagnosis, and Evaluation of Exceptional Children  
SPED 602 Instructional Content and Practices for Exceptional Children  
SPED 605 Communication and Collaborative Partnerships in Special Education Programs  
SCED 496 Teaching Internship II: Secondary Education  
*or* EDUC 497/PHEC 497 Teaching Internship: K-12 Programs\*\*

\* Also required for secondary and some K-12 teaching certification programs.

\*\*Six of the 12 credits required for secondary K-12 teaching certification must involve working with students with special needs.

*Subject to change pending approval from the Maryland State Department of Education*

# Exercise & Sport Science

## Major

### Professor:

Surgent

### Associate Professor:

A. Siemann

### Assistant Professors:

Strieby, Wright

### Lecturer:

M. Siemann

### Head Athletic Trainer:

Zaloga

- You must complete a 9-credit internship during your senior year.
- Upon completion of degree requirements you will be eligible to take the National Strength and Conditioning Association (NSCA) certification exam for Personal Trainer and/or Certified Strength and Conditioning Specialist.

	For Major
Hours Required in HPE:	49
Hours Required in Other Departments:	27
<b>Total Hours Required:</b>	<b>76</b>

## Summary of Requirements for Major in Exercise and Sport Science

### 1. Discipline Core Courses:

(40 hours)

HEED 103 Foundations of Exercise and Sport Science

HEED 200 Nutrition

HEED 305 Care and Prevention of Athletic Injuries

HEED 306 Organization & Administration of Exercise and Sport Science

PHEC 115 Methods of Group Exercise Instruction

PHEC 175 Foundations of Resistance Training

PHEC 303 Biomechanics for Exercise and Sport Science

PHEC 341 Psychology of Physical Activity

PHEC 401 Physiology of Exercise

PHEC 410 Advanced Strength Training

PHEC 411 Evaluation and Prescription in Fitness

PHEC 435 Lifespan Health and Fitness

PHEC 482 Field Experience in Health Fitness (3 hours)

PHEC 492 Seminar in Health Fitness

PHEC 495 Internship in Health Fitness (*Capstone*)

(9 hours)

### 2. Courses Required in Other Departments:

(27 hours)

ACCT 211 Financial Accounting

BIOL 149 General Biology (*GEP Group C*)

BIOL 201 Anatomy and Physiology I

BIOL 202 Anatomy and Physiology II

BUAD 100 Introduction to Business

MATH 209 Elements of Applied Probability and Statistics (*Core Skill 3*)

MGMT 315 New Business Ventures

PSYC 150 General Psychology (*GEP Group D*)

# Health & Physical Education

## Major with Teaching Certification

### Professors:

R. Lewis, Surgent

### Associate Professor:

A. Siemann (Chair), Gray  
(Recreation & Parks  
Management)

### Assistant Professors:

Striby, Wright

### Instructor:

L. Simpson

### Lecturers:

M. Siemann

- Upon successful completion of the program, you will be eligible to apply for 7-12 health certification and K-12 physical education certification.
- The Department of HPE also offers majors in athletic training and exercise and sport science.
- A minor is offered in coaching (see separate section of this catalog). You cannot minor in Health and Physical Education.

For Major and  
Teaching Certification

Hours Required in HPE:	75
Hours Required in Other Departments:	30
<b>Total Hours Required:</b>	<b>105</b>

## Summary of Requirements for Major in Health & Physical Education

### Major

#### 1. Discipline Core:

(57 hours)

##### Health Education

(26 hours)

HEED 100 Personal Wellness  
HEED 104 Foundations of Health Education  
HEED 202 Coordinated School Health Program  
HEED 207 Tobacco and Other Drugs  
HEED 208 Health Education for Special Populations  
HEED 209 Safety and First Aid  
HEED 220 School Health Nutrition  
HEED 221 Family Life and Sex Education  
HEED 224 Mental and Emotional Health  
HEED 225 Consumer and Environmental Health  
HEED 226 Community Health  
HEED 227 Disease Prevention  
HEED 311 Assessment & Evaluation Methodology  
HEED 416 Curriculum Design in Health Education  
HEED 418 Current Issues in Health

##### Physical Education

(31 hours)

PHEC 103 Foundations of Physical Education  
PHEC 164 Teaching of Physical Education Through Outdoor Adventure Education  
PHEC 165 Teaching of Physical Education Through Cooperative Team Challenges  
PHEC 166 Teaching of Physical Education Through Game and Activity Skills  
PHEC 167 Teaching of Physical Education Through Educational Gymnastics  
PHEC 168 Teaching of Physical Education Through Dance Forms  
PHEC 169 Teaching of Physical Education Through Health Fitness  
PHEC 301 Applied Biomechanics  
PHEC 310 Organization & Administration of Health and Physical Education  
PHEC 402 Adapted Physical Activities  
PHEC 406 Applied Physiology  
PHEC 407 Motor Learning and Performance  
PHEC 408 Movement Experiences for Children  
PHEC 416 Curriculum Design in Physical Education

##### Transfer Students

(1 hour)

PHEC 170 Physical Education Teaching Lab

#### 2. Required Courses in Other Departments:

(11 hours)

BIOL 149 General Biology I (GEP Group C)  
BIOL 211 Essentials of Anatomy and Physiology  
GEOG 104 Human Geography (GEP Group D or F)

#### 3. Education Courses

(37 hours)

**Pre-Phase** EDUC 100 Career Analysis in Education  
(4 hours) EDUC 201 Students, Teachers, and Learning Environments

<b>Phase I</b> (7 hours)	EDUC 202 Foundations of Learning & Instruction EDUC 346 Educational Technology Lab I REED 317 Content Area Reading
<b>Phase II</b> (11 hours)	EDUC 392 K-12 Field Experience EDUC 447 Educational Technology Lab II HEED 404 Health Instruction PHEC 418 Physical Education in the Secondary School REED 418 Reading and Writing Connections
<b>Phase III</b> (15 hours)	EDUC 406 Leadership Seminar EDUC 448 Educational Technology Lab III PHEC 497 Teaching Internship, K-12 Program ( <i>Capstone</i> )

#### 4. Other graduation/program exit requirements

- Successful presentation of a developmental portfolio according to department format.
- Verification of taking Praxis II content knowledge and pedagogy tests required by the Maryland State Department of Education before Phase III.

For Minor

**Total Hours Required** 21

## Health Promotion

### Minor

#### Coordinator:

Susan Gray, Associate Professor, Department of Recreation and Parks Management

- The curriculum is based on the professional responsibilities and competencies for health education and health promotion specialists developed by the American Association of Health Education.
- If you have a GPA of 2.75 or higher, you may be accepted into the master's degree program in Community Health Promotion at West Virginia University.
- You cannot major in health promotion.

### Minor

(21 hours)

HEED 101 Community Health Promotion  
HEED 125 Health and Culture (*GEP Group F*)  
HEED 330 Epidemiology of Health and Disease  
HEED 405 Sexuality  
HEED 430 Methods and Materials for Health Promotion  
HEED 435 Health Promotion Programming  
PHEC 483 Field Experience in Health Promotion (3 cr.)

### Summary of Requirements for Minor in Health Promotion

# Recreation and Parks Management

Concentrations:	Community Program Delivery	Adventure Sports	Hospitality & Tourism	Therapeutic Recreation	Minor
Hours Required in Department:	48	42	42	48	21
Hours Required in Other Departments:	21	12-13	9	29	0
Additional Hours Required:	0	13	19	0	0
<b>Total Hours Required:</b>	<b>69</b>	<b>69-70</b>	<b>70</b>	<b>77</b>	<b>21</b>

## Summary of Requirements for Major/Minor in Recreation and Parks Management

### Major

### Minor

#### Concentrations in:

- adventure sports
- community program delivery
- hospitality management & tourism
- therapeutic recreation

#### Professor:

Kauffman

#### Associate Professor:

Gray

#### Assistant Professors:

Blankenship, Dougherty, Hill

#### Affiliated Faculty:

Debra Frank, Allegany College of Maryland;  
Wilma Brooks, Community College of Baltimore County, Catonsville Campus;  
Mike Logsdon, Garrett College

- Program accredited by NRPA/AAPAR (American Association for Physical Activity and Recreation).
- You are required to complete RECR 497 which includes attendance at one state, regional or national conference during your junior or senior year and current certification in CPR and first aid.
- Current certification in CPR and first aid is required.
- This program may also be completed at the Community College of Baltimore County - Catonsville. Interested students may contact Maureen Dougherty, coordinator of the FSU Recreation and Parks program at CCBC, 410/869-1103.

### Major

### Minor

#### 1. Discipline Core:

(39 hours)

RECR 201 Introduction to Recreation and Parks  
RECR 221 Introduction to Therapeutic Recreation  
RECR 342 Park and Facility Design  
RECR 380 Recreation Leadership  
RECR 382 Program Planning  
RECR 388 Research Methods in Recreation & Parks  
RECR 440 Organization and Administration of Recreation & Parks  
RECR 443 Issues and Legal Liability in Recreation & Parks  
RECR 491 Practicum & Professional Seminar  
RECR 492 Internship Project (*Capstone*)  
RECR 495 Internship in Recreation  
RECR 497 Out-of-class Requirements (*see bullets at left*)

#### 2. Courses Outside Department:

(3 hours)

COSC 100/110 Intro. to Computer Science (*Tech. Fluency*)  
or COSC 220 Introduction to Software Applications  
or EDUC 454 Microcomputer Application in Education  
or approved computer application course

#### 3. Complete one of the following:

- a. a second major
- b. a minor
- c. an associate's degree
- d. a bachelor's degree from another institution
- e. a concentration within the major as follows:

#### I. Community Program Delivery (27 hours)

##### A. HPE/RECR (9 hours):

Select three of the following:

RECR 100 Leisure and the Diverse American Culture (*GEP Group F*)  
RECR 330 Outdoor Education  
RECR 381 Facilitation Skills & Techniques in Recreation & Parks  
RECR 384 Special Event Management  
HEED 101 Community Health Promotion  
ASI 138 Backcountry & Outdoor Living Skills\*  
ASI 260 Wilderness First Responder\*

##### B. Psychology (6 hours):

PSYC 150 General Psychology (*GEP Group D*)  
PSYC 210 Child Development  
or PSYC 212 Adolescence and Adulthood

##### C. Sociology (6 hours):

SOCI 100 Intro. to Sociology (*GEP Group D*)

And one of the following:

SOCI 200 Social Problems  
SOCI 203 Sociology of Deviant Behavior  
SOCI 322 Social Demography  
SOCI 325 Community Analysis  
SOCI 326 Sociology of Rural Life

#### 1. Required Courses

(6 hours)

RECR 380 Recreation Leadership  
RECR 382 Recreation Programming

#### 2. Electives

(15 hours)

Select five additional RECR courses, at least four of which must be at the 300- or 400-level, excluding field experiences and internships (RECR 480, RECR 491, RECR 492 and REC 495).

\* courses offered only at Garrett College

SOCI 328 Sociology of Urban Life

SOCI 366 Social Inequality

**D. Communications Studies (6 hours)**

*Select one of the following:*

CMST 102/112 Introduction to Human Communications

CMST 122 Introduction to Public Speaking

CMST 132 Introduction to Interpersonal and Small Group Communication

*Select one of the following:*

CMST 215 Small Group Communication

CMST 300 Interpersonal Communication

CMST 322 Presentational Communication

### Adventure Sports Concentration

- The adventure sports concentration is a collaborative program between Garrett College and Frostburg State University.
- You may enroll in this program at Frostburg State University and take adventure sports courses at Garrett College, or you may complete your first two years at Garrett College and then transfer to FSU. If you complete the Adventure Sports concentration, you will be eligible to receive an AAS in adventure sports at Garrett College.
- Legal residents of Delaware, South Carolina, Virginia and West Virginia may complete a recreation management degree (adventure sports concentration) at Maryland resident tuition rates through the SREB Academic Common Market (see Admissions section of the catalog).

### II. Adventure Sports (27-28 hours)

**A. Two ASI skills courses (2 hours)\***

*Any two courses from Section B, C, D or E*

**B. Two Introductory Level Courses (2 hours)\***

*Examples include but are not limited to:*

ASI 111 Beginning Orienteering

ASI 113 GPS Navigation in Adventure Sports

ASI 115 Wilderness Survival Skills

ASI 120 Introduction to Traditional Rock Climbing

ASI 121 Rock Craft 1

ASI 130 Introduction to Whitewater Kayaking

ASI 133 Introduction to Whitewater Canoeing

ASI 136 Introduction to Rafting and River Guiding

ASI 138 Introduction to Sea Kayaking

ASI 140 Introduction to Cross Country Mountain Biking

ASI 145 Mountain Bike Mechanics I

ASI 150 Beginning Alpine Skiing

ASI 154 Beginning Snowboarding

ASI 158 Cross Country Skiing

ASI 159 Introduction to Telemark Skiing

ASI 180 Introduction to New Games-Initiatives/Low Ropes Challenge Course

ASI 190 Beginning Open Water SCUBA

ASI 192 Basic Sailing

**C. Three Intermediate Level Courses (3 hours)\***

*Examples include but are not limited to:*

ASI 117 Cold Weather Outdoor Living Skills

ASI 212 Eastern Mountaineering

ASI 220 Rock Craft 2

ASI 221 Rock Craft 4

ASI 222 Rock Craft 5

ASI 226 Ice Climbing

ASI 230 Whitewater Kayaking Techniques I

ASI 231 Whitewater Kayaking Techniques II

ASI 232 Whitewater Freestyle Kayaking

ASI 233 Whitewater Canoeing Techniques I

ASI 236 Whitewater Rafting Technique Development

ASI 238 Sea Kayaking Techniques I

ASI 240 Intermediate Cross Country Mountain Biking

ASI 241 Mountain Bike Touring

ASI 242 Trails Riding

ASI 244 Downhill and Dual-Slalom

ASI 245 Mountain Bike Mechanics II

ASI 247 Mountain Bike Mechanics Certification

ASI 250 Alpine Skiing Techniques I

ASI 251 Alpine Skiing Techniques II

ASI 252 Slalom/Giant Slalom Alpine Ski Racing

ASI 254 Snowboarding Techniques I

ASI 255 Snowboarding Techniques II

\*Garrett College courses

ASI 258 Cross Country Skiing Techniques I

ASI 280 Intermediate Ropes Course

ASI 290 Intermediate Open Water SCUBA

**D. One Instructor/Guide Level Course (1 hour)\***

*Examples include but are not limited to:*

ASI 270 Rock Craft 6: Rock Climbing Instructor Development

ASI 272 High Ropes Course Instructor Development

ASI 273 Mountain Bike Guide Development and Certification

ASI 274 Ski School Instructor Training

ASI 275 Whitewater Canoe Instructor Training

ASI 276 Whitewater Kayak Instructor Training

ASI 277 Whitewater Rafting Instructor Training

**E. One Rescue Level Course (1 hour)\***

*Examples include but are not limited to:*

ASI 160 Swift Water Rescue

ASI 162 Fundamentals of Search and Rescue

ASI 164 Advanced Level First Aid and CPR

ASI 260 Rock Craft 3: Vertical Rock Rescue

ASI 262 National Ski Patrol Training

ASI 264 Rescue Diving

**F. Take all of the following: (9 hours)**

ASI 110 Backcountry Living Skills \*

ASI 260 Wilderness First Responder \*

RECR 393 History and Philosophy of Outdoor Recreation

or HUM 210 Society & the Environment \*

**G. Communications Studies (3 hours)**

*Select one of the following:*

CMST 102/112 Intro to Human Communications

CMST 122 Introduction to Public Speaking

CMST 132 Introduction to Interpersonal and Small Group Communication

CMST 215 Small Group Communication

**H. Select two of the following: (6-7 hours)**

ACCT 211 Financial Accounting

BIO 110 Natural History (4 credit hours) \*

MGMT 351 Management of Organizations

FINA 303 Principles of Finance

RECR 421 Program Design and Evaluation in Therapeutic Recreation

PSYC 150 General Psychology (GEP Group D)

PSYC 210 Child Psychology

PSYC 212 Adolescence and Adulthood

PSYC 385 Group Processes

PSYC 386 Drugs and Behavior

PSYC 410 Introduction to Counseling

PSYC 417 Psychology of Abnormal Behavior

### Hospitality Management & Tourism Concentration

- The hospitality concentration is a collaborative program with Allegany College of Maryland (ACM).
- You may enroll in this program at Frostburg State University and take the hospitality courses at ACM, or you may complete your first two years at ACM and then transfer to FSU.

### III. Hospitality Management and Tourism (27 hours)

**A. Recreation course:**

(3 hours)

RECR 384 Special Events Management

**B. Tourism courses:**

(3 hours)

GEOG 454 Geography of Tourism

or GEOG 455 Tourism Planning

or \*\*30-120 Principles of Travel/Tourism

**C. Hotel and Resort courses:**

(19 hours)

\*\*30-110 Food Service Sanitation

\*Garrett College courses

\*\*Allegany College of Maryland courses

- \*\*30-160 Quantity Food Production
- \*\*30-203 Food Purchasing, Inventory and Cost Control
- \*\*30-204 Menu Planning and Food Merchandising
- \*\*30-205 Food and Beverage Cost Control
- \*\*30-209 Hotel/Motel Front Office Management
- \*\*30-215 Hotel/Motel Property Management

**D. Business courses:**

(3 hours)

- ACCT 211 Financial Accounting
- or \*\*61-109 Practical Accounting/Bookkeeping

### Therapeutic Recreation Concentration

- The therapeutic recreation concentration prepares you to sit for the National Council for Therapeutic Recreation Certification Exam.
- You may complete the B.S. in Recreation and Parks Management with a therapeutic recreation concentration at the main campus or at the CCBC Catonsville campus.
- You may complete a minor in either Psychology or Sociology by taking several additional courses.

### IV. Therapeutic Recreation

(35 credits)

**A. Complete a 480 hour consecutive internship** under an NCTRC certified supervisor.

**B. Recreation Courses:**

(9 hours)

- RECR 321 Theories and Concepts of Therapeutic Recreation
- RECR 421 Program Design and Evaluation in Therapeutic Recreation
- RECR 422 Principles and Practices in Therapeutic Recreation

**C. Anatomy and Physiology:**

(4 hours)

- BIOL 211 Essentials of Anatomy and Physiology
- or BIOL 201 Anatomy and Physiology I
- or BIOL 201 Human Anatomy and Physiology I\*\*\*

**D. Abnormal Psychology:**

(3 hours)

- PSYC 417 Psychology of Abnormal Behavior
- or PSYC 201 Abnormal Psychology\*\*\*

**E. Human Growth and Development through the Life Span:**

(3-6 hours)

- PSYC 210 Child Psychology
- and PSYC 212 Adolescence and Adulthood
- or PSYC 103 Principles of Human Growth/Development\*\*\*

**F. Human Services and Related Biological and Physical Sciences:**

(Frostburg: 13 hours. CCBC: 16 hours)

Select 4-5 courses:

Required for students on Frostburg campus:

- BIOL 149 General Biology I (GEP Group C)
- PSYC 150/151 General Psychology (GEP Group D)

- BIOL 202 Anatomy and Physiology II
- PSYC 213 Psychology of Adjustment
- PSYC 250 Death and Dying
- PSYC 404 Psychology of Exceptional Children
- PSYC 409 Human Learning and Cognition
- PSYC 418 Social Psychology
- PSYC 489 Child and Adolescent Disorders
- PSYC 410 Introduction to Counseling
- SOCI 100 Introduction to Sociology (GEP Group D)
- SOCI 200 Social Problems
- SOCI 203 Sociology of Deviant Behavior
- SOCI 340 Criminology
- SOCI 442 Juvenile Delinquency
- SOCI 468 Sociology of Later Life
- PHEC 303 Biomechanics for Exercise Science
- BIOL 101 General Biology\*\*\*
- BIOL 202 Human Anatomy & Physiology II\*\*\*
- PSYC 101 Introduction to Psychology\*\*\*
- SOCL 101 Introduction to Sociology\*\*\*

\*\*Allegany College of Maryland courses  
\*\*\* CCBC, Catonsville courses