encouraged to use the Office of Financial Aid counseling services even if they are not receiving direct financial assistance.

Students may also apply for one-time only emergency financial support to the Director of OSS. These awards are typically in the \$500 range. Criteria are dependent upon individual circumstances.

Students going abroad are eligible to apply for supplemental travel awards through the Center for Global Opportunities. Applications are available on the GoGlobal section of the website.

In addition to programs available through the Office of Financial Aid, many students find temporary or part-time employment on or near the campus. The Student Employment Office, in the Student Activities Building provides job listings and referral information for students seeking employment. Other sources of jobs are University Employment Services (for both temporary and permanent jobs) in the Wolverine Tower, 3003 S. State St., and Medical Center Human Resources Department (for University Hospital employment), 300 North Ingalls Bldg. Local newspapers, such as the Ann Arbor News, and Michigan Daily also list employment opportunities.

University of Michigan Residency Classification

The University of Michigan enrolls students from 50 states and more than 120 countries. Residency Classification Guidelines have been developed to ensure that decisions about whether a student pays in-state or out-of-state tuition are fair and equitable and that applicants for admission or enrolled students who believe they are Michigan residents understand they may be required to complete an Application for Resident Classification and provide additional information to document their residency status.

Complete information, residency applications, and in-person assistance are available at http://ro.umich.edu/resreg.php or at:

Residency Classification Office Office of the Registrar 1210 LSA Building 500 S. State St. Ann Arbor, MI 48109-1382

Phone: (734) 764-1400

Athletic Training Major

The mission of the Athletic Training Education Program (ATEP) within the School of Kinesiology is to develop entry-level allied health professionals who will be contributing members to the field of athletic training. The primary objective is to offer a well-rounded combination of academic course work and clinical experiences that will educate students on the prevention, treatment, and rehabilitation of injuries and illnesses for the physically active.

This program will prepare students for entry-level work in secondary schools, colleges and universities, sports medicine clinics, professional sports programs, industrial settings, and other healthcare environments. The curriculum is designed to meet certification and accreditation standards set forth by the National Athletic Trainers' Association Board of Certification (NATABOC) and the Commission on Accreditation of Athletic Training Education (CAATE). The program is currently accredited by CAATE. Students who complete the ATEP will receive a Bachelor of Science (B.S.) degree in Kinesiology, and will meet the requirements to sit for the NATABOC Examination. Certification is required to practice athletic training in most states.

Educational Objectives

- 1. Promote professional conduct in compliance with the code of ethics set forth by the National Athletic Trainers' Association (NATA).
- 2. Meet the educational competencies set forth by CAATE in the specific areas of: risk management and injury prevention, pathology of injuries and illnesses, clinical examination, acute care of injury and illness, pharmacology, therapeutic modalities, therapeutic and rehabilitative exercise, general medical conditions and disabilities, nutritional aspects of injury and illness, psychosocial intervention and referral, health care administration, and professional development & responsibilities.
- 3. Ensure that each student has the opportunity to work in a variety of clinical settings in order to gain a greater appreciation for some of the traditional and non-traditional venues in which athletic training services are administered.
- 4. Offer the athletic training student challenging situations to put classroom theory to clinical practice in a supervised manner.
- 5. Expose the athletic training student to a variety of allied health care professionals.

Athletic Training Admission Requirements

Admission into the ATEP is selective. Students should apply for the program during his/her freshman year. The program admits students into the program during the fall semester only. The following are the minimum requirements for admission:

- 1. Submission of an application packet. (Applications are due April 1st)
- 2. Hold sophomore standing by fall term following admission.
- 3. Be admissible into the School of Kinesiology at the time of application.
- 4. Completion of AT 115 (Prevention and Care of Athletic Injuries), AT 117 (Prevention and Care of Athletic Injuries Laboratory), PHYSED 310 (Applied Human Anatomy and Physiology), PHYSED 218 (Emergency Response), CHEM 130 (General Chemistry) with no less than a "B" earned in each class to be competitive for admission.
- 5. Earn a cumulative grade point average of no less than 2.5 at the completion of two semesters of college coursework.

- 6. Completion of a clinical observation experience under the supervision of the university's athletic training staff.
- 7. Complete an admission interview.
- 8. Meet the University of Michigan ATEP Technical Standards for Admission.

The ATEP application packet including technical standards is available on the School of Kinesiology's website, http://www.kines.umich.edu/academics/at/index.html#docs and can also be obtained by requesting a copy from the program's director.

Transfer students may be admitted to the program provided they fulfill all program admissions requirements. Coursework completed at another institution will be evaluated by the Registrar and the Athletic Training Education Program Director to determine whether the course objectives completed coincide closely with the course objectives of the courses required for admission into the ATEP. Transfer students must complete a minimum of three years in order to graduate.

The number of vacancies limits the number of students admitted into the program. The top students are chosen based on the application packet, academic performance, and performance in the admission interview. Students are informed of their status by May 31.

Athletic Training Retention Requirements

In order to successfully progress and complete the education program students must meet the following retention requirements:

- 1. Maintain a minimum overall grade point average of 2.5.
- 2. Maintain a minimum grade point average of 3.0 in all athletic training core courses.
- 3. Receive satisfactory evaluations from supervising clinical instructors.
- 4. Adhere to the University of Michigan Athletic Training Education Program policies and procedures.
- 5. Continue to meet the University of Michigan Athletic Training Program Technical Standards for Admission.

University Distribution Requirements

Students must complete a minimum of 12 credits in each of three areas, Humanities, Natural Science, and Social Science, in order to fulfill <u>Kinesiology's distribution</u> requirements.

Athletic Training Degree Requirements

Once accepted into the Athletic Training Education Program, students will be required to complete a three-year competency-based education program. The education program consists of six semesters of academic course work, coupled with clinical experiences under the direct supervision of a clinical instructor. The three-year, six-semester program design is consistent with a "learning over time" model whereby students will continually increase their knowledgebase and clinical skills. Students in the School of Kinesiology

accepted into the Athletic Training Education Program must complete a minimum of 120 credit hours. Required coursework is listed below:

Required Courses in the Athletic Training Major (52-CR)

- AT 115 Prevention and Care of Athletic Injuries (3 cr.)
- AT 117 Prevention & Care of Athletic Injuries Laboratory (2 cr.)
- **AT 200** Clinical Experiences in Athletic Training A (3 cr.)
- AT 205 Clinical Experiences in Athletic Training B (3 cr.)
- AT 210 Clinical Evaluation of Upper Extremity Athletic Injuries (3 cr.)
- AT 212 Clinical Evaluation of Upper Extremity Athletic Injuries Laboratory (1 cr.)
- AT 215 Clinical Evaluation of Lower Extremity Athletic Injuries (3 cr.)
- AT 217 Clinical Evaluation of Lower Extremity Athletic Injuries Laboratory (1 cr.)
- AT 300 Clinical Experiences in Athletic Training C (3 cr.)
- AT 305 Clinical Experiences in Athletic Training D (3 cr.)
- AT 313 Biomechanics of Musculoskeletal Injury (4 cr.)
- **AT 350** Therapeutic Modalities (3 cr.)
- AT 352 Therapeutic Modalities Laboratory (1 cr.)
- **AT 360** Rehabilitation of Athletic Injuries (3 cr.)
- AT 362 Rehabilitation of Athletic Injuries Lab (1 cr.)
- AT 375 Pathophysiology for the Allied Health Professions (3 cr.)
- AT 400 Clinical Experiences in Athletic Training E (3 cr.)
- AT 405 Clinical Experiences in Athletic Training F (3 cr.)
- **AT 410** Athletic Training Administration (3 cr.)
- **AT 420** Pharmacology for the Allied Health Professions (3 cr.)

Supporting Courses in Kinesiology (30-CR)

- **AT/PHYSED 218** Emergency Response (2 cr.)
- AT/PHYSED 310 Applied Human Anatomy and Physiology (5 cr.)
- AT/PHYSED 326 Fundamentals of Strength and Conditioning (3).
- MOVESCI 241 Exercise, Nutrition, and Weight Control (3 cr.)
- MOVESCI 250 Research Methods and Statistics in Movement Science (3 cr.)
- **MOVESCI 320** Motor Control (4 cr.)
- **MOVESCI 340** Exercise Physiology (4 cr.)
- SM 101 Public and Small Group Communication (3 cr.)
- SM 437 Psychological Aspects of Sport and Exercise (3 cr.)

Courses Required Outside of Kinesiology (23 Cr.)

- **CHEM 130** General Chemistry (3 cr.)
- ENGLISH 125 College Writing or equivalent (4 cr.) (with a C or better)
- **ENGLISH 225** Argumentative Writing (4 cr.)
- **PSYCH 111** Introduction to Psychology or equivalent (4 cr.)
- **MATH 115** Calculus I (4 cr.)
- **PHYSICS 1**35 Physics for the Life Sciences I (4 cr.)

Clinical Education Experience Requirements

Each athletic training student is required to complete six, semester-long clinical education experiences under the supervision of a clinical instructor. Clinical education experiences provide the student with the opportunity for experiential learning to apply the entry level athletic training clinical proficiencies in a clinical environment. Clinical education experiences are completed at both on-campus and off-campus clinical sites. During the course of the program, students will have exposure to a variety of clinical instructors, clinical settings, patient populations and health care professions. The University of Michigan's Department of Intercollegiate Athletics provides numerous on-campus clinical sites. The University of Michigan has two main and seven satellite athletic training facilities for intercollegiate athletics. All facilities are fully equipped with state-of-the-art equipment. In addition, students complete clinical experiences at our off-campus affiliated sites. Affiliated sites include local high schools, sports medicine clinics, and occupational/industrial clinics.

Movement Science Major

MOVEMENT SCIENCE CURRICULUM MISSION STATEMENT

The Movement Science (MOVESCI) major strives to fully develop the intellectual abilities of each student during their learning experiences in the School of Kinesiology. The program emphasizes the study of human movement from biological and behavioral perspectives across the lifespan. The Movement Science Department achieves their mission by offering a diversified program that includes introductory and advanced course work, research, and laboratory experiences. Success is evaluated by the academic and professional placement of graduates.

Program Overview

The Movement Science major comprises coursework that emphasizes the causes and consequences of human movement from biomechanical, motor control and development, and physiological perspectives. The requirements include courses both in and outside of Kinesiology.

The Movement Science curriculum emphasizes competencies in five areas:

- 1. Three areas of Movement Science; Biomechanics, Motor Control, and Exercise Physiology
- 2. Research
- 3. Scientific communication, including oral, written and graphic skills
- 4. Computer literacy

Students will gain these competencies by mastering concepts in courses, by exposure to research in laboratory sections of courses and in independent study and research courses.