

**ITEM FOR ACTION:**

**1. Proposal for changes to the Certificate in Athletic Therapy in the School of Kinesiology and Health Science**

The Faculty of Health Curriculum Committee recommends the curriculum and pedagogical changes to the Certificate in Athletic Therapy in the School of Kinesiology and Health Science, Faculty of Health be approved, effective Fall 2019.

**Rationale:**

The proposed three-year Athletic Therapy Certificate Program (ATCP) will increase from 24 to 33 credits and will include 4 required practicum courses (on and/or off campus) to foster experiential education and achievement of the Canadian Athletic Therapists Association (CATA) competency based curriculum. The admission criteria changes will provide prospective candidates with foundational knowledge critical to student success in the ATCP.

The proposed curriculum structure will incorporate a model of inquiry-based learning in which students will have the opportunity for higher learning as well as self-directed learning through the use of case studies. The Athletic Therapy inquiry-based courses will be complimented with practical skills labs as well as seminar courses relating to the case study topics. Student placements will be structured in progressive manner to enhance the quality of the placement experience for both the community partner as well as the student.

The overall curriculum will be laddered from beginner to intermediate and advanced, over three years. The proposed program will be divided into various theme-based units with the final year culminating to an integrative unit incorporating field and clinical aspects of Athletic Therapy.

The changes to the ATCP are being proposed for several reasons:

- To enhance the student learning experience and foster the development of critical thinking health care professionals.
- To align with the York University Academic Plan (UAP) as well as President Lenton's vision of experiential education, pedagogical innovation and self-directed learning.
- Through experiential education and a student-centred approach, the proposed changes will seek to promote higher learning, critical thinking and lifelong learning skills, which are vital in the profession of Athletic Therapy.
- To enhance the quality of the placement experience for both the community partner as well as the student.
- To align with CATA's competency based curriculum mandate and align with their program accreditation committee's recommendation of implementing the proposed changes.
- To become the premier Athletic Therapy program of choice for students, increase program enrollment, and ultimately prepare students toward certification as Athletic Therapists in Canada.

## **Athletic Therapy Certificate Major Modifications Proposal**

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|------------------------------|---|
| <b>Program:</b>              | Athletic Therapy Certificate Program offered concurrently as part of the Kinesiology and Health Science Program |
| <b>Degree Designation:</b>   | Certificate in Athletic Therapy   |
| <b>Type of Modification:</b> | Significant curriculum and pedagogical changes to align with a competency-based learning outcome approach       |
| <b>Effective Date:</b>       | Fall 2019   |

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### **Provide a general description of the proposed changes to the program:**

The proposed three-year Athletic Therapy Certificate Program (ATCP) will increase from 24 to 33 credits and will include 4 required practicum courses (on and/or off campus) to foster experiential education and achievement of the Canadian Athletic Therapists Association (CATA) competency-based curriculum. The admission criteria changes will provide prospective candidates with foundational knowledge critical to student success in the ATCP.

The proposed curriculum structure will incorporate a model of inquiry-based learning in which students will have the opportunity for higher learning as well as self-directed learning through the use of case studies. The Athletic Therapy inquiry-based courses will be complimented with practical skills labs as well as seminar courses relating to the case study topics. Student placements will be structured in progressive manner to enhance the quality of the placement experience for both the community partner as well as the student.

The overall curriculum will be ladderred from beginner to intermediate and advanced, over three years. The proposed program will be divided into various theme-based units with the final year culminating to an integrative unit incorporating field and clinical aspects of Athletic Therapy.

### **Provide the rationale for the proposed changes:**

The changes to the ATCP are being proposed for several reasons:

- To enhance the student learning experience and foster the development of critical thinking health care professionals.
- To align with the York University Academic Plan (UAP) as well as President Lenton's vision of experiential education, pedagogical innovation and self-directed learning.
- Through experiential education and a student-centred approach, the proposed changes will seek to promote higher learning, critical thinking and lifelong learning skills, which are vital in the profession of Athletic Therapy.
- To enhance the quality of the placement experience for both the community partner as well as the student.

- To align with CATA's competency based curriculum mandate and align with their program accreditation committee's recommendation of implementing the proposed changes.
- To become the premier Athletic Therapy program of choice for students, increase program enrollment, and ultimately prepare students toward certification as Athletic Therapists in Canada.

**Comment on the alignment between the program changes with Faculty and/or University academic plans:**

The York University Academic Plan (UAP) has a vision for an open-minded and engaged approach to learning. The UAP values excellence in pedagogies while embracing innovative and progressive curriculum approaches. Inquiry-based and experiential learning are part of the Plan's priorities to foster engaged approaches to learning. President Lenton's welcome message to the University dated September 7, 2017, stated that "York is committed to ensuring that the student learning experience continues to evolve with these changes through the advancement of technology-enhanced learning, experiential education, internationalization and other pedagogical innovation that inspires self-directed learning."

Inspired by and in keeping with the UAP as well as the vision of President Lenton, the Athletic Therapy Certificate Program (ATCP) is proposing significant curriculum and pedagogical changes to enhance the student learning experience and create critical thinking professionals. The Canadian Athletic Therapists Association (CATA) is also moving towards competency-based learning outcomes and changing our program as suggested will also better align with CATA's mandate. Also, since CATA is the accrediting body for our curriculum content and delivery methods, it is our intent to align with the CATA's program accreditation so that the York University Athletic Therapy Certificate Program remains not only relevant and competitive in Canada, but rather the premier program of choice for students. Remaining an accredited program is a requirement to allow graduates of the York program the opportunity to write the Athletic Therapy Board Canadian Certification Exam to become a Certified Athletic Therapists in Canada.

**Provide a detailed outline of the changes to the program and the associated learning outcomes, including how the proposed requirements will support the achievement of program learning objectives (i.e., the mapping of the requirements to the program learning outcomes):**

Please see appendix A for the detailed outline and A-1 for the mapping of program learning outcomes.

**Summarize the consultation undertaken with relevant academic units, including commentary on the impact of the proposed changes on other programs. Provide individual statements from the relevant program(s) confirming consultation and their support:**

- Several Meetings from October 2015 to May 2016 were held with current Faculty and Staff of the Athletic Therapy Certificate Program to review the current program and brainstorm and develop newer curriculum content and delivery methods that align with CATA's competency-based learning approach.
- Current students in the ATPC program were notified and consulted on the proposed changes to the current structure of the ATPC at the orientation meetings in September of 2016 and 2017, and although it would not impact their current status in the program, there was overwhelming support for changing the current structure to the proposed structure (student survey results). Although there is an alternate choice for Athletic Therapy education in Ontario (Sheridan College's Bachelor of Athletic Therapy), the two programs have always co-existed. As well, the proposed changes to the existing program are completely novel to any other Athletic Therapy program in Ontario or Canada.
- Fall 2016, a subsequent brainstorming session was held with Michael Boni, Assistant Lecturer and Dr. Loriann Hynes, Associate Professor and Athletic Therapy Certificate Program Coordinator held to incorporate student feedback and refine the program proposed structure.
- Fall 2016, a meeting was held with Dr. Mike Connor, Undergraduate Director and Dr. Angelo Belcastro, Chair of the School of Kinesiology and Health Science to determine support and viability of a program change.
- Fall 2016, a meeting with Dr. Susan Murtha, Associate Dean of Teaching and Learning, Faculty of Health for consultation and support on program change direction.
- Winter 2017, a meeting with Sharon Pereira, Manager of Operations for the School of Kinesiology and Health Sciences to determine the financial, physical and administrative resources required.
- Winter 2017, subsequent meeting held with Rob Bishop, Director of Student Services and Josephine Fung, Manager of Student Services for Faculty of Health to determine the student's academic consideration.
- March 2017, a meeting with Dean Paul McDonald, Dr. Loriann Hynes and Dr. Angelo Belcastro was held to discuss the proposed changes.
- On March 28-29, 2017, meetings were held with CATA's Program Accreditation Committee as part of their program review and the proposed changes to the Athletic Therapy Certificate Program were presented and discussed. Not only did CATA support the proposed changes, but they also recommended starting the process to implement the proposed program changes. As such we are following through on their recommendation as it can greatly impact the future accreditation of the York Athletic Therapy Certificate Program.
- June 2017 – consultation with Mary Saad, Undergraduate Academic Advisor for the School of Kinesiology and Health Sciences to develop a proposed program map for Kinesiology students for both the Bachelor of Arts and Science stream specialized honours students.
- August 2017 – Notice of Intention documents to develop a program proposal was submitted and approved by the Chair of Kinesiology and Health Science, Dr. Angelo Belcastro as well as Dean Paul McDonald.
- August 2017 – the Notice of Intention documents were subsequently submitted for review and approval to Vice-Provost Pitt.

- August 22, 2017 – authorization to develop the proposal for major modifications was granted by Vice-Provost Pitt.
- October 10, 2017 – Meeting with Anda Petro, Experiential Education Coordinator, Faculty of Health and Geneviève Maheux-Pelletier, Educational Developer, Teaching Commons to discuss the program proposal and suggestions for structure, learning outcomes, experiential component and evaluation methods.
- November 20, 2017 – Meeting with Wendy Anderson, Coordinator, Academic Standards for the Faculty of Health to discuss and determine implementation process and obtain feedback on proposal submission.
- January 26, 2018 – Proposed academic courses were tabled for discussion at the School and Kinesiology and Health Academic Council Meeting. The courses were voted on and approved to proceed to the Faculty of Health Curriculum Committee for discussion
- February 26, 2018 – Proposed academic courses were tabled for discussion at the Faculty of Health Curriculum Committee Meeting. The courses were voted on by the members and approved to proceed to the Faculty of Health Council.
- March 12, 2018 – Meeting with Dr. Loriann Hynes and Kelly Parr, Practicum coordinator to discuss the practicum needs of the ATCP.

There is no foreseeable adverse impact on any other existing programs. Rather, it may help to increase enrollment to the Kinesiology and Health Science Program within the Faculty of Health, as it may be an attractive opportunity for students to come to York University specifically for the ATCP.

**Are changes to the program's admission requirements being proposed coincident with the program change(s)? If so, outline the admission changes, and comment on the appropriateness of the revised requirements to the achievement of the program learning outcomes.**

Changes to the program's admission requirements are being proposed coincident with the program changes as outlined below:

**Current Admission Criteria:**

1. Assessment of York University academic standing through cumulative grade point average review
2. A letter of application
3. Reference letters
4. Completed a minimum of 24 credits including HH/KINE 1000 6.00 (Sociocultural Perspective in Kinesiology) and HH/KINE 1020 6.00 (Fitness and Health) and achieved Honours Standing of 5.00 (C+)
5. Must have Standard First Aid and Basic Rescuer CPR certification or (HH/PKIN 0750 0.00 – Emergency Care I)
6. Complete an interview for selected candidates

**Proposed Admission Criteria:**

1. Registered in the BA or BSc Kinesiology and Health Science Honours degree program at York University
2. Submit an application by February 1 to the KINE undergraduate office

3. Submit two reference letters - one of which indicates a completion of 40 experiential hours in the clinical and/or field setting with a Certified Athletic Therapist - CAT(C) or Sport Physiotherapist or a current York ATCP student enrolled in HH/KINE 4592 3.00
4. Applicants must have completed or be in the process of completing a minimum of 48 credits by the end of the Winter Term of the same calendar year as their application to the York ATCP, and achieved a minimum cumulative grade point average of 5.00 (C+)
5. Completed the following courses with minimum grade of C+ in each course:  
 KINE 2011 3.00 – Human Physiology I  
 KINE 2031 3.00 – Human Anatomy  
 KINE 2495 3.00 – Sports Injuries (OR KINE 2490 3.00 Athletic Therapy I AND  
 KINE 3600 3.00 Athletic Therapy II in place of  
 KINE 2495 3.00)
6. Must have Standard First Aid and CPR-C certification or (HH/PKIN 0750 0.00 – Emergency Care I)
7. Eligible applicants will be contacted to complete an interview process.

### **Academic Standing:**

Students must complete the required academic and practicum Athletic Therapy courses in consecutive order over a 3-year period from the time of entry into the Athletic Therapy Certificate Program. Students in the Athletic Therapy Certificate must maintain in Honours standing in the Kinesiology and Health Science program and a minimum grade 5.00 (C+) in each of the required certificate courses.

The CATA program accreditation has stipulated that a student enrolled in the ATCP must be a Kinesiology and Health Science student at York University, hence the reason for criteria number one. For criteria three, the requirement of 40 experiential hours validated by a reference letter from a Certified Athletic Therapist - CAT(C) or Sport Physiotherapist or a current York ATCP student enrolled in HH/KINE 4592 3.00 is to ensure that the prospective candidate has explored the rewards and demands of the profession prior to entering into studies.

The minimum credits have been increased to 48 as the program is seeking a more experienced student to facilitate success in the program and avoid possible attrition considering the pressures and time commitment a student will be faced with. In criteria number five, the above noted courses will provide students the opportunity to gain foundational knowledge prior to entry into the program. Once they enter the program, they will be required to deal with injuries.

**Describe any resource implications and how they are being addressed (e.g., through a reallocation of existing resources). If new/additional resources are required, provide a statement from the relevant Dean(s)/Principal confirming resources will be in place to implement the changes.**

There are no resource implications due to the reallocation of existing resources. The current total FCE is 22.82 and the new proposed FCE is 22.5.

Please see Appendix B proposed resource plan as compared to the current resource plan.

**Is the mode of delivery of the program changing? If so, comment on the appropriateness of the revised mode(s) of delivery to the achievement of the program learning outcomes.**

Yes, the mode of delivery will be changing. The proposed three-year ATCP will increase from 24 to 33 credits and will include 4 required practicum courses to foster experiential education and achievement of CATA competencies. As mentioned previously, the proposed curriculum structure will incorporate a model of inquiry-based learning in which students will have the opportunity for deeper learning through the use of case studies. The Athletic Therapy inquiry-based learning courses will be complimented with practical skills labs as well as seminar courses relating to the case study topics to promote repetition of knowledge and transfer that knowledge to an applied forum. Student placements will be structured in progressive manner to enhance the quality of the placement experience for both the community partner as well as the student.

Inquiry-based learning, as a mode of delivery to achieve the program learning outcomes, has several reported benefits. Pawson et al. 2006 reported benefits such as, a student-centred approach, greater retention of learning, development of lifelong learning skills, increased class attendance, and possibly greater student satisfaction. Despite some of the reported risks of inquiry-based learning (messy learning, group dynamic issues, more preparatory time), the benefits are considered to outweigh the risks.

The overall curriculum will be laddered from beginner to intermediate and advanced, over three years to foster a progressive achievement of the program learning outcomes. The proposed program will be divided into various beginner-to-advanced theme-based units with the final year culminating to an integrative unit incorporating field and clinical aspects of Athletic Therapy. The program will seek to prepare students toward certification as Certified Athletic Therapists with the CATA. This student-centred approach will also seek to foster the development of critical thinking and lifelong learning skills, which are vital in the field of Athletic Therapy.

**Is the assessment of teaching and learning within the program changing? If so, comment on the appropriateness of the revised forms of assessment to the achievement of the program learning outcomes.**

Yes, the assessment of teaching and learning will be changing. Since there will be a change in philosophy for faculty and students, assessments will include a variety of methods to account for the variances in both teaching and learning styles. Formal evaluations will include both formative and summative methods such as self-reflection, peer evaluation, instructor evaluation of the student, student evaluation of the instructor, multiple choice/two-stage examination, task-oriented practical skills evaluation, objective structured clinical examinations, written assignments as well as oral communication evaluation.

It is ATCP's goal is to foster development of critical thinking professionals that are lifelong learners. The assessment methods are focused on aligning with the program's learning outcomes, as well as align with CATA's competency based curriculum learning outcomes. As future health care professionals, students will have to display the ability to communicate within a health care team and clients, be knowledgeable, and be technically skilled in their area of practice. As such, incorporating the above noted formative and summative assessment methods are very relevant to the achievement of the ATCP's and CATA's learning outcomes.

**Provide a summary of how students currently enrolled in the program will be accommodated.**

Implementation Plan

*Newly Admitted Students:*

All students entering the Athletic Therapy Certificate Program (ATCP) in the fall of 2019 and thereafter, will complete the new proposed program requirements.

*Current Students:*

Students currently enrolled in the ATCP will be required to carry out the format of the program in which they originally entered into the ATCP. As of Fall 2019, there will be two cohorts of students (approximately 48 students), those entering their 2<sup>nd</sup> year and 3<sup>rd</sup> year of the ATCP, who will be required to carry out the old program. Courses for the old cohort will continue to be offered and will run parallel to the new program courses to accommodate the old program students currently enrolled.

We are proposing a three-year sunset window for the old program, such that current students who entered the program up to and including Fall 2018 will be entitled to complete the old program requirements until the end of academic year 2021. The three-year window will provide old program students an additional year to manage any outstanding program requirements to be able to graduate with their certificate. Extending the sunset window beyond this period may significantly increase the administrative and financial demands on the Department.

It is our intent to retire KINE 2490 and KINE 3600 by the end of academic year 2020. Starting 2018-2019, KINE 2495 will be offered to eventually replace KINE 2490/3600 as well as to serve as part of the required admission criteria for the new proposed program. KINE 3575 and KINE 4575 will continue to be offered until the end of academic year 2020 and subsequently be amalgamated into one course starting Fall 2020. After the end of the 2021 academic year, the old program courses will no longer exist.

Our goal is to efficiently and transparently transition to new proposed program to facilitate student satisfaction with the proposed program.

The Undergraduate Program Office will initiate a process of informing current students of the program requirements once the proposed program is approved. We will disseminate information through the annual ATCP program orientation session and through email messages to the student listserv in order to inform students of the changes as well as offer information sessions here on campus. Our program staff will provide information sessions to student advisors so that they are fully informed of the new program requirements and the options available to students.

*Faculty / Program Transfers:*

Students who transfer into the Kinesiology program from other Faculties or other degree programs from FW2019-2020 onwards will be required to follow the new program requirements.

*Reactivations*

All students who have been away from their studies and reactivate their studies in the Kinesiology program as of FW2019-2020 and onwards will be required to follow the new program requirements.

**Provide as an appendix a side-by-side comparison of the existing and proposed program requirements as they will appear in the Undergraduate or Graduate Calendar.**

See Appendix C

Please also see Appendix C-1 and C-2 for BA and BSc degree proposed maps

# **Proposed Athletic Therapy Certificate**

## ***Executive Summary***

The York University Academic Plan (UAP) has a vision for an open-minded and engaged approach to learning. The UAP values excellence in pedagogies while embracing innovative and progressive curriculum approaches. Inquiry-based and experiential learning are part of the Plan's priorities to foster engaged approaches to learning. Inspired by and in keeping with the UAP, the Athletic Therapy Certificate Program (ATCP) is proposing significant curriculum and pedagogical changes to enhance the student learning experience and create critical thinking professionals. The changes will seek to embrace the domains and core competencies mandated by the Canadian Athletic Therapists Association (CATA).

The proposed three-year ATCP will increase from 24 to 33 credits and will include 4 required practicum courses to foster experiential education and achievement of CATA competencies. The admission criteria changes will provide prospective candidates with foundational knowledge critical to student success in the ATCP.

The proposed curriculum structure will incorporate a model of inquiry-based learning in which students will have the opportunity for greater understanding through the use of case studies. The Athletic Therapy inquiry-based learning courses will be complimented with practical skills labs as well as seminar courses relating to the case study topics. Student placements will be structured in progressive manner to enhance the quality of the placement experience for both the community partner as well as the student.

The overall curriculum will be ladderred from beginner to intermediate and advanced, over three years. The proposed program will be divided into various theme-based units with the final year culminating to an integrative unit incorporating field and clinical aspects of Athletic Therapy. The program will seek to prepare students toward certification as Certified Athletic Therapists with the CATA. This student-centred approach will also seek to foster the development of critical thinking and lifelong learning skills, which are vital in the field of Athletic Therapy.

We are excited and look forward to your review and considerations of the proposed changes.

Sincerely,

Mr. Michael Boni

Dr. Loriann Hynes

## Proposed Athletic Therapy Certificate Program

The Athletic Therapy Certificate will include 33 academic credits and 4 practicum courses encompassing the domains of the Canadian Athletic Therapists Association including prevention, assessment, intervention, practice management and professional responsibilities.

### Admission Criteria

1. Registered in the BA or BSc Kinesiology and Health Science Honours degree program at York University
2. Submit an application by February 1 to the KINE undergraduate office
3. Submit two reference letters - one of which indicates a completion of 40 experiential hours in the clinical and/or field setting with a Certified Athletic Therapist - CAT(C) or Sport Physiotherapist or a current York ATCP student enrolled in HH/KINE 4592 3.00
4. Applicants must have completed or be in the process of completing a minimum of 48 credits by the end of the Winter Term of the same calendar year as their application to the York ATCP, and achieved a minimum cumulative grade point average of 5.00 (C+)
5. Applicants must have completed or be in the process of completing the following courses by the end of the Winter Term of the same calendar year as their application to the York ATCP, with a minimum grade of C+ in each course:  
KINE 2011 3.00 – Human Physiology I  
KINE 2031 3.00 – Human Anatomy  
KINE 2495 3.00 – Sports Injuries (OR KINE 2490 3.00 Athletic Therapy I AND  
KINE 3600 3.00 Athletic Therapy II in place of  
KINE 2495 3.00)
6. Must have Standard First Aid and CPR-C certification or (HH/PKIN 0750 0.00 – Emergency Care I)
7. Eligible applicants will be contacted to complete an interview process.

### Academic Standing:

Students must complete the required academic and practicum Athletic Therapy courses in consecutive order over a 3-year period from the time of entry into the Athletic Therapy Certificate Program. Students in the Athletic Therapy Certificate must maintain an Honours standing (cumulative grade point average of 5.00 – C+) in the Kinesiology and Health Science program and a minimum grade point average of 5.00 (C+) in each of the required certificate courses.

## Required Academic Courses

The Kinesiology and Health Science core courses plus the following requirements must be met to receive the Certificate in Athletic Therapy.

### Year 1

#### **Field Care Unit**

HH/KINE 2500 3.00 - Athletic Therapy Field Inquiry-Based Tutorial

HH/KINE 2501 3.00 - Athletic Therapy Field Seminar & Skills

#### **Extremity Care Unit**

HH/KINE 2502 3.00 - Athletic Therapy Extremities Inquiry-Based Tutorial

HH/KINE 2503 3.00 - Athletic Therapy Extremities Seminar & Skills

### Year 2

#### **Head, Trunk & Spine Care Unit**

HH/KINE 3500 3.00 - Athletic Therapy Head, Trunk & Spine Inquiry-Based Tutorial

HH/KINE 3501 3.00 – Athletic Therapy Head, Trunk & Spine Seminar & Skills

#### **Upper & Lower Quadrant Care Unit**

HH/KINE 3502 3.00 - Athletic Therapy Upper & Lower Quadrant Inquiry-Based Tutorial

HH/KINE 3503 3.00 – Athletic Therapy Upper & Lower Quadrant Seminar & Skills

### Year 3

#### **Integrative Care Unit**

HH/KINE 4592 6.00 - Athletic Therapy Experiential Education

HH/KINE 4593 3.00 - Athletic Therapy Integrative Seminar & Skills

## Required Practicum Courses

The Kinesiology and Health Science core practicum courses plus the following requirements must be met to receive the Certificate in Athletic Therapy.

### Year 1

HH/PKIN 0761 0.00 – First Responder for Athletic Therapy I

HH/PKIN 0762 0.00 – First Responder for Athletic Therapy II

### Year 2

HH/PKIN 0811 0.00 – Practicum for Athletic Therapy I (replaces PKIN Team)

HH/PKIN 0812 0.00 – Practicum for Athletic Therapy II (replaces PKIN Individual/Dual)

## ACADEMIC COURSE DESCRIPTIONS

### YEAR 1

#### ***Fall Semester – Field Care Unit***

##### HH/KINE 2500 3.00 - Athletic Therapy Field Inquiry-Based Tutorial

- ***Urgent and non-urgent field case studies*** will be utilized to promote learning, research and critical thinking in the five domains of the CATA (prevention, assessment, intervention, practice management and professional responsibility)
- Subject matter will include (but not limited to) of sport, anatomy, biomechanics, epidemiology, pathophysiology, evaluation, management and communication
- Six case studies will be discussed over a 12 week semester
- Students will meet for 3 hours/week in small groups (5-8 students) with a tutorial leader
- Learning objectives will be identified by the group and tutorial leader (based on CATA competencies and UDDLES) on the first meeting of the case study presentation
- Students will then divide tasks and research required content to answer questions relating to learning outcomes
- The subsequent meeting, the group will share related research findings through discussion and this process will be repeated throughout the semester
- Formal evaluation will include both formative and summative methods such as self reflection, peer evaluation, tutor evaluation and multiple choice/two-stage examinations

##### HH/KINE 2501 3.00 - Athletic Therapy Field Seminar & Skills

###### Seminar

- Students will meet for 1 hour weekly as a whole group for a seminar relating to foundational principles and concepts of field care
- The weekly topics will relate back to the appropriate case studies discussed in tutorial and practiced in the skills lab
- Students will have the opportunity to collaborate as a whole group
- This will provide a venue to ensure consistency of learning across the cohort

###### Skills

- Students will meet for 2 hours/week in larger groups (10 students) with a lab demonstrator
- Psychomotor skills (based on CATA competencies) relating to the urgent and non-urgent field case studies from the tutorial class will be demonstrated and practiced
- Skills will include (but not limited to) application and management of sport equipment, taping/support techniques, immediate on field management of major and minor injuries, and sideline assessment
- Formal evaluation will include both formative and summative methods such as multiple choice/two-stage examinations, self-reflection, peer evaluation, lab demonstrator evaluation, and field task oriented practical tests

## **Winter Semester – Extremities Care Unit**

### HH/KINE 2502 3.00 - Athletic Therapy Extremities Inquiry-Based Tutorial

- **Extremity related case studies** will be utilized to promote learning, research and critical thinking in the five domains of the CATA (prevention, assessment, intervention, practice management and professional responsibility)
- Subject matter will include (but not limited to) of sport, anatomy, biomechanics, epidemiology, pathophysiology, evaluation, management and communication
- Six case studies will be discussed over a 12 week semester
- Students will meet for 3 hours/week in small groups (5-8 students) with a tutorial leader
- Learning objectives will be identified by the group and tutorial leader (based on CATA competencies and UDDLES) on the first meeting of the case study presentation
- Students will then divide tasks and research required content to answer questions relating to learning outcomes
- The subsequent meeting, the group will share related research findings through discussion and this process will be repeated throughout the semester
- Formal evaluation will include both formative and summative methods such as self reflection, peer evaluation, tutor evaluation and multiple choice/two-stage examinations

### HH/KINE 2503 3.00 - Athletic Therapy Extremities Seminar & Skills

#### Seminar

- Students will meet for 1 hour weekly as a whole group for a seminar relating to foundational principles and concepts of extremity care
- Principles and foundations of assessment and intervention will be included (i.e. clinic administration, charting, etc.)
- The weekly topics will relate back to the appropriate case studies discussed in tutorial and practiced in the skills lab
- Students will have the opportunity to collaborate as a whole group
- This will provide a venue to ensure consistency of learning across the cohort

#### Skills

- Students will meet for 2 hours/week in larger groups (10 students) with a lab demonstrator
- Psychomotor skills (based on CATA competencies) relating to the extremities case studies from the tutorial class will be demonstrated and practiced
- Skills will include (but not limited to) functional/surface anatomy, taping/support techniques, clinical orthopaedic evaluation and tests, electrotherapeutic modality application, manual therapies, and therapeutic exercise
- Formal evaluation will include both formative and summative methods such as multiple choice/two-stage examinations, self-reflection, peer evaluation, lab demonstrator evaluation, and field task oriented practical tests

## YEAR 2

### ***Fall Semester – Head, Trunk & Spine Care Unit***

#### HH/KINE 3500 3.00 - Athletic Therapy Head, Trunk & Spine Inquiry-Based Tutorial

- ***Head and trunk related case studies*** will be utilized to promote learning, research and critical thinking in the five domains of the CATA (prevention, assessment, intervention, practice management and professional responsibility)
- Subject matter will include (but not limited to) of sport, anatomy, biomechanics, epidemiology, pathophysiology, evaluation, management and communication
- Six case studies will be discussed over a 12 week semester
- Students will meet for 3 hours/week in small groups (5-8 students) with a tutorial leader
- Learning objectives will be identified by the group and tutorial leader (based on CATA competencies and UDDLES) on the first meeting of the case study presentation
- Students will then divide tasks and research required content to answer questions relating to learning outcomes
- The subsequent meeting, the group will share related research findings through discussion and this process will be repeated throughout the semester
- Formal evaluation will include both formative and summative methods such as self reflection, peer evaluation, tutor evaluation and multiple choice/two-stage examinations

#### HH/KINE 3501 3.00 - Athletic Therapy Head, Trunk & Spine Seminar & Skills

##### Seminar

- Students will meet for 1 hour weekly as a whole group for a seminar relating to principles and concepts of head and trunk care
- Principles and conditions of head and trunk/spine assessment and intervention including diagnostic imaging will be presented
- The weekly topics will relate back to the appropriate case studies discussed in tutorial and practiced in the skills lab
- Students will have the opportunity to collaborate as a whole group
- This will provide a venue to ensure consistency of learning across the cohort

##### Skills

- Students will meet for 2 hours/week in larger groups (10 students) with a lab demonstrator
- Psychomotor skills (based on CATA competencies) relating to the head and trunk case studies from the tutorial class will be demonstrated and practiced
- Skills will include (but not limited to) functional/surface anatomy, taping/support techniques, clinical orthopaedic evaluation and tests, electrotherapeutic modality application, manual therapies, and therapeutic exercise
- Formal evaluation will include both formative and summative methods such as multiple choice/two-stage examinations, self-reflection, peer evaluation, lab demonstrator evaluation, and field task oriented practical tests

## ***Winter Semester – Upper & Lower Quadrant Unit***

### HH/KINE 3502 3.00 - Athletic Therapy Upper & Lower Quadrant Inquiry-Based Tutorial

- ***Upper and lower quadrant related case studies*** will be utilized to promote learning, research and critical thinking in the five domains of the CATA (prevention, assessment, intervention, practice management and professional responsibility)
- Subject matter will include (but not limited to) of sport, anatomy, biomechanics, epidemiology, pathophysiology, evaluation, management and communication
- Six case studies will be discussed over a 12 week semester
- Students will meet for 3 hours/week in small groups (5-8 students) with a tutorial leader
- Learning objectives will be identified by the group and tutorial leader (based on CATA competencies and UDDLES) on the first meeting of the case study presentation
- Students will then divide tasks and research required content to answer questions relating to learning outcomes
- The subsequent meeting, the group will share related research findings through discussion and this process will be repeated throughout the semester
- Formal evaluation will include both formative and summative methods such as self reflection, peer evaluation, tutor evaluation and multiple choice/two-stage examinations

### HH/KINE 3503 3.00 - Athletic Therapy Upper & Lower Quadrant Seminar & Skills

#### Seminar

- Students will meet for 1 hour weekly as a whole group for a seminar relating to principles and concepts of the upper and lower quadrant care
- Principles and conditions of upper and lower quadrant assessment and intervention will be presented
- The weekly topics will relate back to the appropriate case studies discussed in tutorial and practiced in the skills lab
- Students will have the opportunity to collaborate as a whole group
- This will provide a venue to ensure consistency of learning across the cohort

#### Skills

- Students will meet for 2 hours/week in larger groups (10 students) with a lab demonstrator
- Psychomotor skills (based on CATA competencies) relating to the upper and lower quadrant case studies from the tutorial class will be demonstrated and practiced
- Skills will include (but not limited to) functional/surface anatomy, taping/support techniques, clinical orthopaedic evaluation and tests, electrotherapeutic modality application, manual therapies, and therapeutic exercise
- Formal evaluation will include both formative and summative methods such as multiple choice/two-stage examinations, self-reflection, peer evaluation, lab demonstrator evaluation, and field task oriented practical tests

## YEAR 3

### ***Fall/Winter/Summer – Integrative Care Unit***

#### HH/KINE 4592 6.00 - Athletic Therapy Experiential Education (Full Year)

- ***Integrative field and clinical related case studies*** will be utilized to promote learning, research and critical thinking in the five domains of the CATA (prevention, assessment, intervention, practice management and professional responsibility)
- Students will meet for 2 hours bi-monthly with the course director
- Students will have an opportunity to gain advanced experience in a higher profile field and/or clinical placement
- Students will be working under the supervision of Athletic Therapist or Sport Physiotherapist in both the field and clinical setting
- Students will assume the role as lead/head student therapist in settings with a varsity level athletic team
- Students will be expected to mentor their peers (i.e. assistant student therapists)
- Opportunities may also include placements with professional athletes/teams, various populations (i.e. seniors, para-athletes, etc.) and international placements experience or student exchanges may exist
- Formal evaluation will include both formative and summative methods such as self reflection, peer evaluation, placement supervisor evaluation and multiple choice/two-stage examinations

#### HH/KINE 4593 3.00 - Athletic Therapy Integrative Seminar & Skills (Winter Semester)

##### Seminar

- Students will meet for 1 hour weekly as a whole group for a seminar relating to principles and concepts of the field and clinical care
- Principles and conditions of field and clinical assessment and intervention will be presented
- Students will have the opportunity to collaborate as a whole group
- This will provide a venue to ensure consistency of learning across the cohort

##### Skills

- Students will meet for 2 hours/week in larger groups (10 students) with a lab demonstrator
- Psychomotor skills (based on CATA competencies) relating to field and clinical case conditions will be demonstrated and practiced
- Skills will include (but not limited to) functional/surface anatomy, taping/support techniques, clinical orthopaedic evaluation and tests, electrotherapeutic modality application, manual therapies, and therapeutic exercise, sideline assessment, immediate on field management, bracing and protective equipment application, etc.
- Formal evaluation will include both formative and summative methods such as multiple choice/two-stage examinations, self-reflection, peer evaluation, lab demonstrator evaluation, and field task oriented practical tests

## **PRACTICUM COURSE DESCRIPTIONS**

### **Year 1**

#### ***Fall & Winter Semester***

##### **HH/PKIN 0761 0.00 – First Responder for Athletic Therapy I – Full Year**

- This course will be delivered over the full year concurrently with HH/PKIN 0762
- Students will alternate between in and out of class learning through experiential observation
- Students will be able to observe the 2<sup>nd</sup>, 3<sup>rd</sup> year students and placement supervisors implement first responder skills in both field and clinical settings
- Students will observe for 2 hours weekly to gain exposure to various field and clinic based scenarios
- As appropriate, students may be engaged in actively assisting others in the placement experience beyond observation
- With their PKIN Instructor, upper year ATPC students and Supervisors, students will have the opportunity to learn skills and debrief
- Formal evaluation will consist of formative methods such as self-reflection, peer evaluation and placement supervisor evaluation

##### **HH/PKIN 0762 0.00 – First Responder for Athletic Therapy II – Full Year**

- This course will be delivered over the full year concurrently with HH/PKIN 0761
- Students will build on the principles and skills learned in the HH/PKIN 0761
- Students will have the opportunity to develop clinical and field skills as a first responder
- Students will gain a certification as a first responder

### **Year 2**

#### ***Fall and Winter Semester***

##### **HH/PKIN 0811 0.00 – Practicum for Athletic Therapy I – (Fall Semester)**

- Students will have the opportunity to gain basic field and clinical practical experience
- Students will be working under the supervision of 3<sup>rd</sup> year student Athletic Therapist, or Certified Athletic Therapist or Sport Physiotherapist in both the field and clinical setting
- Students will assume the role as an assistant student therapist with a varsity level athletic team
- Formal evaluation will consist of formative and summative methods such as self-reflection, peer evaluation and placement supervisor evaluation

##### **HH/PKIN 0812 0.00 – Practicum for Athletic Therapy II (Winter Semester)**

- Students will have the opportunity to gain intermediate field and clinical practical experience
- Students will be working under the supervision of 3<sup>rd</sup> year student Athletic Therapist, or Certified Athletic Therapist or Sport Physiotherapist in both the field and clinical setting
- Students will assume the role as an assistant student therapist with a varsity level athletic team
- Formal evaluation will consist of formative and summative methods such as self-reflection, peer evaluation and placement supervisor evaluation

| Athletic Therapy Certificate<br>Program Learning   | Athletic Therapy Certificate<br>Program Goals/Objectives   | Evaluation<br>Method   | Program<br>Level   |
|--|--|--|--|
| By the end of the three year program, students<br>will be able to (grouped by domain):   | Overall goals achieved by the program:   | Both Formative and<br>Summative Assessments will<br>be included  | Year 1 - Beginner, Year 2-<br>Intermediate, Year 3 -<br>Advanced |
| <b>Prevention</b>  |  |  |  |
| Facilitate healthy lifestyle behaviors using critical thinking, effective education, communication and interventions to reduce the risk of injury, illness or condition and promote wellness.        | Educate the student about the risks associated with participation and specific activities.   | Formal written evaluation, Task analysis through Objective Structured Clinical Evaluation (OSCE), reflection assignments | Year 2,3   |
|  | Facilitate a student's ability to design and implement physical conditioning programs following accepted guidelines to promote safe participation.                                 |  |  |
|  | Develop the student's abilities to use effective communication techniques to minimize the risk of injury or illness.   |  |  |
| Develop an emergency action plan by analyzing hazards associated with activities, facilities, equipment and environmental conditions to minimize the aggravation of existing injury or illness.      | Educate the student on the accepted procedures and guidelines in order to make recommendations in order to minimize the risk of injury or illness.                                 | OSCE, written evaluation, written assignments, implementation with a team, reflection assignments                        | Year 2,3   |
|  | Provide the student with experiential education opportunities to assess safety hazards associated with activities, facilities and equipment and environmental conditions.          |  |  |
| Apply critical thinking skills to interpret pre-participation and other relevant screening information in accordance with guidelines to minimize the risk of injury or illness.                      | Provide the student with problem-based case studies and simulation opportunities relating to pre-participation screening to be able to identify risk factors of injury or illness. | Written evaluation, OSCE, reflection assignments   | Year 1-3   |
| Instruct individuals in the proper use and demonstrate the application of prophylactic/protective measures using commercial products or custom-made devices to minimize the risk of injury, illness. | Facilitate student acquisition of knowledge and practical skills required to apply prophylactic/protective measures.   | OSCE, Clinical and Field Placements  | Year 1-3   |
| Maintain clinical and treatment areas by complying with safety and biohazard sanitation standards to minimize the risk of injury and illness to clients and Athletic Therapists.                     | Facilitate the learning and current practice of safety and biohazard sanitation standards.   | Written evaluation, clinical and field placements  | Year 1-3   |

## Assessment

|   |  |  |          |
|---|--|--|----------|
| Apply critical thinking skills to triage individuals with clinical and medical emergencies to recognize and manage injury or illness.   | Provide the student with problem-based case studies, simulation and placement opportunities relating to clinical and medical emergencies.  | OSCE, Clinical and Field Placements, reflection assignments                      | Year 1-3 |
| Perform various means of evaluation (including subjective and objective) to safely and competently evaluate a current or potential injury or illness and/or promote ergonomically correct function.               | Facilitate student acquisition of knowledge and practical skills required to safely and competently evaluate a current or potential injury or illness through an interview of the client or a review of the relevant records in accordance with accepted procedures.<br>Facilitate student acquisition of knowledge and practical skills required to safely and competently evaluate a current or potential injury or illness through visual inspection and specific objective tests in accordance with accepted procedures. | OSCE, Clinical and Field Placements, Written Evaluation, reflection tasks        | Year 1-3 |
| Formulate an athletic therapy diagnosis using critical thinking skills to interpret the signs, symptoms and predisposing factors of the injury or illness collected with the subjective and objective evaluation. | Expose the student various problem based scenarios through written cases, simulation, and placements to facilitate the ability to formulate an athletic therapy diagnoses.   | OSCE, Clinical and Field Placements, Written Assignments, reflection assignments | Year 2-3 |
| Reassess the status of injuries or illnesses using critical evaluation methods and documentation to determine appropriate treatment, rehabilitation and/or reconditioning plan.                                   |  | OSCE, Clinical and Field Placements, Written Evaluation, reflection tasks        | Year 1-3 |

## Intervention

|   |   |  |          |
|---|---|--|----------|
| Employ life saving techniques through the use of standard emergency procedures to reduce incidence of morbidity and mortality.  | Facilitate student acquisition of knowledge and practical skills required to establish and execute the emergency action plan.   | OSCE, Field Placements   | Year 1-3 |
| Prevent exacerbation of non-life-threatening condition(s) through the use of standard procedures to reduce morbidity.   | Disseminate knowledge and provide opportunities for decision-making surrounding the timely transfer of care for conditions beyond the scope of practice of the Athletic Therapist.<br>Direct the student in standard procedures using formal and informal methods to facilitate efficient immediate care non-life-threatening condition(s). | OSCE, Clinical and Field Placements, Written Evaluation, reflection/debriefing tasks | Year 1-3 |
| Utilize the information gathered from the assessment to determine and administer appropriate and efficacious treatment for injury or illness using standard techniques and documentation to facilitate recovery, function and/or performance. | Educate and provide the student with experiential education opportunities in rehabilitative therapy using standard techniques and procedures to facilitate recovery, function and/or performance.   | OSCE, Clinical and Field Placements, Written Evaluation, reflection assignments      | Year 2-3 |

|   |  |   |          |
|---|--|---|----------|
| Develop and administer progressive therapeutic and conditioning exercise(s) using standard techniques and procedures to facilitate recovery, function and/or performance.   |  | OSCE, Clinical and Field Placements, Written Evaluation, Written Assignments            | Year 2-3 |
| Apply braces, splints or assistive devices in accordance with standards and practices to facilitate recovery, function and/or performance.  | Facilitate student acquisition of knowledge and practical skills required to apply braces, splints or assistive devices to facilitate recovery, function or performance. | OSCE, Clinical and Field Placements, Written Evaluation                                 | Year 1-3 |
| Educate clients or caregivers and provide guidance in the treatment, rehabilitation and reconditioning of injuries or illnesses using applicable methods and materials to facilitate recovery, function and/or performance. | Provide the student with experiential education opportunities to educate clients and caregivers in the treatment and rehabilitation of injury or illness.                | OSCE, Clinical and Field Placements, Written Evaluation, Written/reflection Assignments | Year 2-3 |
| Facilitate compliance of athletes with agencies governing substance control to protect the individual's health and safety.  | Ensure that the student is aware of the available resources and agencies governing doping and substance control.   | Field Placements, Written Evaluation  | Year 1-3 |

## PRACTICE MANAGEMENT

|   |  |  |          |
|---|--|--|----------|
| Utilize an information management system to facilitate communication between treating practitioners and maintain medical records in compliance with accepted best practice guidelines.                  | Facilitate student learning of communication strategies between treating practitioners within the scope of confidentiality through the use of inquiry based learning and experiential education.         | Clinical and Field Placements, Written/reflection Evaluation                 | Year 1-3 |
| Design and utilize a practice management plan to organize and deliver healthcare services through human, physical and fiscal resources to promote safe participation, timely care and legal compliance. | Facilitate student acquisition of knowledge and skills to plan, co-ordinate and supervise the administrative aspects of athletic therapy, including clinical, field, personnel and financial management. | OSCE, Clinical and Field Placements, Written Evaluation, Written Assignments | Year 1-3 |
| Respond in culturally sensitive ways, consistent with the demands of a given situation, to create (an) inclusive environment(s).  | Provide students with culturally varying experiences through various clinical and field placements.  | Clinical and Field Placements, reflection assignments                        | Year 1-3 |
| Describe the business aspect of Athletic Therapy, including marketing, operations and finances relating to both field or clinical practices.  | Expose the student to the business aspect of Athletic Therapy through readings and presentations, which may include guest speakers.  | Clinical and Field Placements, Written Assignments                           | Year 3   |

## PROFESSIONAL

|   |   |  |          |
|---|---|--|----------|
| Conduct professional practice competently in a legal, ethical and moral manner. | Educate the student on the legal obligations and ethical guidelines for the delivery of athletic therapy and other healthcare services. | OSCE, Clinical and Field Placements, Written Evaluation, Written/reflections Assignments | Year 1-3 |
|---|---|--|----------|

|  |  |                               |          |
|--|--|-------------------------------|----------|
| Educate others about the role and standards of practice of the Athletic Therapist through informal and formal means. | Provide experiential education opportunities for the student to learn how to create and maintain health records following legal standards and privacy legislation. | Clinical and Field Placements | Year 1-3 |
|  | Educate the student on the the impact of power relationships between health care practitioners and individuals.  |                               |          |
|  | Inform the student of compliance with applicable CATA maintenance of certification standards.  |                               |          |

## UUDLES - University Undergraduate Degree Level

|  |   |  |          |
|--|---|--|----------|
| Apply research methods to kinesiology and human health topics and solve problems using their knowledge of research methods in the discipline.  |   | critical appraisal evaluations, written assignments                              | Year 1-3 |
| Evaluate information about physical activity and human health that is disseminated via popular media and discipline related research journals. |   | written evaluations/oral presentation  | Year 1-3 |
| Work individually or in a group to obtain, record, collate and analyze data using techniques appropriate to the field of study.                |   | Written/Oral Self and Peer evaluation  | Year 1-3 |
| Explain the need for ethical standards and professional codes of conduct.  | Educate the student on the legal obligations and ethical guidelines for the delivery of athletic therapy and other healthcare services. | Written evaluation/Oral presentation   | Year 2-3 |
| Apply multi-disciplinary knowledge of physical activity and health to life situations.   |   | OSCE, Clinical and Field Placements  | Year 3   |
| Use knowledge and skills to advocate for the fundamentals of physical activity and health from general to specific situations.                 |   | OSCE, Clinical and Field Placements, Written Assignments, reflection assignments | Year 1-3 |

Be able to think independently, problem solve and set tasks.

OSCE, Clinical and Field Placements Year 3

Apply practical skills for assessing fitness, health and movement.

OSCE, Clinical and Field Placements Year 2-3

Be aware of the limits in knowledge and methodologies when analyzing, evaluating, interpreting and disseminating information.

Written/Oral Self and Peer evaluation Year 2-3

Present ideas and arguments in a well-structured and coherent manner using appropriate communications formats.

OSCE, Clinical and Field Placements, reflection assignments, Oral Presentation Year 2-3

Have developed mutually beneficial peer relationships for the purposes of mentoring and networking.

Clinical and Field Placements Year 1-3

Use appropriate academic terminology and notation when preparing and presenting information.

Written evaluation/Oral presentation Year 1-3



### School of Kinesiology and Health Science, Proposed Resource\* Plan for Athletic Therapy Certificate Program

\* There are no resource implications due to the reallocation of existing resources

Required Academic Courses: The Kinesiology and Health Science core courses plus the following requirements must be met to receive the Certificate in Athletic Therapy

| Year                       | Term                       | Course #                                 | Course Name   | Total Credits Required for Certificate                         | Contract Type    | Position Type         | FCE Assignment        |      |
|----------------------------|----------------------------|--|---|--|------------------|-----------------------|-----------------------|------|
| YEAR (2) of AT Certificate | F<br>A<br>L<br>L           | <b>Head, Trunk &amp; Spine Care Unit</b> |   |  |                  |                       |                       |      |
|                            |                            | KINE 3500 (F) 3.0                        | Athletic Therapy Head, Trunk & Spine Inquiry-Based Tutorial | 3.0  | Full-Time        | AT Course Coordinator |                       |      |
|                            |                            |  |   |  | Full-Time        | Tutorial Leader 1     | 0.17                  |      |
|                            |                            |  |   |  | Full-Time        | Tutorial Leader 2     | 0.17                  |      |
|                            |                            |  |   |  | Full-Time        | Tutorial Leader 3     | 0.17                  |      |
|                            |                            |  |   |  | CUPE 2           | Tutorial Leader 4     | 0.50                  |      |
|                            |                            |  |   |  | CUPE 2           | Tutorial Leader 5     | 0.50                  |      |
|                            |                            |  |   |  |                  | <b>Total FCE</b>      | <b>1.51</b>           |      |
|                            |                            | ( F )                                    | KINE 3501 (F) 3.0   | Athletic Therapy Head, Trunk & Spine Seminar and Skills        | 3.0              | Full-Time             | Lecture               | 0.17 |
|                            |                            |  |   |  |                  | Full-Time             | Lab Demo 1            | 0.25 |
|                            |                            |  |   |  | Full-Time        | Lab Demo 2            | 0.25                  |      |
|                            |                            |  |   |  | Full-Time        | Lab Demo 3            | 0.25                  |      |
|                            |                            |  |   |  | CUPE 2           | Lab Demo 4            | 0.5                   |      |
|                            |                            |  |   |  |                  | <b>Total FCE</b>      | <b>1.42</b>           |      |
|                            | W<br>I<br>N<br>T<br>E<br>R |  | <b>Upper &amp; Lower Quadrant Care Unit</b>                 |  |                  |                       |                       |      |
|                            |                            |  | KINE 3502 (W) 3.0   | Athletic Therapy Upper & Lower Quadrant Inquiry-Based Tutorial | 3.0              | Full-Time             | AT Course Coordinator |      |
|                            |                            |  |   |  |                  | Full-Time             | Tutorial Leader 1     | 0.17 |
|                            |                            |  |   |  |                  | Full-Time             | Tutorial Leader 2     | 0.17 |
|                            |                            |  |   |  | Full-Time        | Tutorial Leader 3     | 0.17                  |      |
|                            |                            |  |   |  | CUPE 2           | Tutorial Leader 4     | 0.50                  |      |
|                            |                            |  |   |  | CUPE 2           | Tutorial Leader 5     | 0.50                  |      |
|                            |                            |  |   |  |                  | <b>Total FCE</b>      | <b>1.51</b>           |      |
|                            |                            | ( W )                                    | KINE 3503 (W) 3.0   | Athletic Therapy Upper & Lower Quadrant Seminar and Skills     | 3.0              | Full-time             | Lecture               | 0.17 |
|                            |                            |  |   |  |                  | Full-Time             | Lab Demo 1            | 0.25 |
|                            |                            |  |   | Full-Time  | Lab Demo 2       | 0.25                  |                       |      |
|                            |                            |  |   | Full-Time  | Lab Demo 3       | 0.25                  |                       |      |
|                            |                            |  |   | CUPE 2   | Lab Demo 4       | 0.5                   |                       |      |
|                            |                            |  |   |  | <b>Total FCE</b> | <b>1.42</b>           |                       |      |

### School of Kinesiology and Health Science, Proposed Resource\* Plan for Athletic Therapy Certificate Program

\* There are no resource implications due to the reallocation of existing resources

Required Academic Courses: The Kinesiology and Health Science core courses plus the following requirements must be met to receive the Certificate in Athletic Therapy

| Year                    | Term      | Course #                      | Course Name  | Total Credits Required for Certificate | Contract Type | Position Type       | FCE Assignment |  |
|-------------------------|-----------|-------------------------------|--|--|---------------|---------------------|----------------|--|
| YEAR (3) AT Certificate | S / F / W | <b>Intergrative Care Unit</b> |  |  |               |                     |                |  |
|                         |           | KINE 4592 A 3.0 S/F/W         | Athletic Therapy Experiential Education - High School Placement  | 3.0                                    | CUPE 2        | Course Director     | 1              |  |
|                         |           | KINE 4592 B 3.0 S/F/W         | Athletic Therapy Experiential Education - Professional Placement | 3.0                                    | Full-Time     | Course Director     | 1              |  |
|                         |           |                               |  |  |               |                     |                |  |
|                         |           | KINE 4593 (F/W) 3.0           | Athletic Therapy Intergrative Seminar and Skills                 | 3.0                                    | Full-time     | Lecture             | 0.17           |  |
|                         |           |                               |  |  | Full-Time     | Lab Demo 1          | 0.25           |  |
|                         |           |                               |  |  | Full-Time     | Lab Demo 2          | 0.25           |  |
|                         |           |                               |  |  | Full-Time     | Lab Demo 3          | 0.25           |  |
|                         |           |                               |  |  | Full-Time     | Lab Demo 4          | 0.25           |  |
|                         |           |                               |  |  |               | <b>Total FCE</b>    | <b>1.17</b>    |  |
|                         |           | <b>Total Required Credits</b> |  | <b>33.0</b>                            |               | <b>Total FCE</b>    | <b>14.88</b>   |  |
|                         |           | <b>AT PKIN's</b>              |  |  |               |                     |                |  |
| Year 1                  |           | PKIN 0761 0.0                 | Introductory Athletic Therapy Practicum                          | 0.0                                    | CUPE 2        | Studio 6 Instructor | 0.5            |  |
|                         |           | PKIN 0762 0.0                 | First Responder for Athletic Therapy                             | 0.0                                    | CUPE 2        | Studio 6 Instructor | 0.5            |  |
| Year 2                  |           | PKIN X08XX 0.0                | Athletic Therapy Field Practicum                                 | 0.0                                    | CUPE 2        | Studio 6 Instructor | 0.5            |  |
|                         |           | PKIN X08XX 0.0                | Athletic Therapy Clinical Practicum                              | 0.0                                    | CUPE 2        | Studio 6 Instructor | 0.5            |  |
|                         |           | <b>Total AT PKIN's</b>        |  | <b>0.00</b>                            |               | <b>Total FCE</b>    | <b>2</b>       |  |
|                         |           | <b>Elective Courses</b>       |  |  |               |                     |                |  |
| Year 1                  | F         | KINE 2495 F                   | Introduction to Sport Related Injuries                           | 3.0                                    | Full-time     | Course Director     | 0.5            |  |
|                         | W         | KINE 2495 W                   | Introduction to Sport Related Injuries                           |  | Full-time     | Course Director     | 0.5            |  |
| Year 2                  | F         | KINE 3575 F                   | Athletic Injuries - Extremities                                  | 3.0                                    | CUPE-2        | Course Director     | 0.5            |  |
|                         | F         | KINE 3575 F                   | Athletic Injuries - Extremities                                  |  | CUPE-2        | T2 (Demo)           | 0.5            |  |
| Year 2                  | F         | KINE 3575 F                   | Athletic Injuries - Extremities                                  |  | CUPE-2        | T2 (Demo)           | 0.5            |  |
|                         | W         | KINE 3575 W                   | Athletic Injuries - Extremities                                  |  | CUPE-2        | Course Director     | 0.5            |  |
| Year 2                  | W         | KINE 3575 W                   | Athletic Injuries - Extremities                                  |  | CUPE-2        | T2 (Demo)           | 0.5            |  |
|                         | W         | KINE 3575 W                   | Athletic Injuries - Extremities                                  |  | CUPE-2        | T2 (Demo)           | 0.5            |  |
| Year 3                  | F         | KINE 4575 F                   | Athletic Injuries - Body Core                                    | 3.0                                    | Full-time     | Course Director     | 0.33           |  |
| Year 3                  | F         | KINE 4575 F                   | Athletic Injuries - Body Core                                    |  | Full-time     | Tutorial Leader     | 0.25           |  |
| Year 3                  | F         | KINE 4575 F                   | Athletic Injuries - Body Core                                    |  | Full-time     | Tutorial Leader     | 0.25           |  |
| Year 3                  | W         | KINE 4575 W                   | Athletic Injuries - Body Core                                    |  | Full-time     | Course Director     | 0.33           |  |
| Year 3                  | W         | KINE 4575 W                   | Athletic Injuries - Body Core                                    |  | Full-time     | Tutorial Leader     | 0.25           |  |
| Year 3                  | W         | KINE 4575 W                   | Athletic Injuries - Body Core                                    |  | Full-time     | Tutorial Leader     | 0.25           |  |
|                         |           | <b>Total Elective Courses</b> |  | <b>9.0</b>                             |               |                     | <b>5.7</b>     |  |
|                         |           | <b>Total Required Credits</b> |  | <b>33.0</b>                            |               | <b>Total FCE</b>    | <b>14.88</b>   |  |
|                         |           | <b>Total AT PKIN's</b>        |  | <b>0.00</b>                            |               | <b>Total FCE</b>    | <b>2</b>       |  |
|                         |           | <b>Total Elective Courses</b> |  | <b>9.0</b>                             |               | <b>Total FCE</b>    | <b>5.7</b>     |  |
|                         |           | <b>Total</b>                  |  | <b>42.0</b>                            |               | <b>Total FCE</b>    | <b>22.5</b>    |  |

| Year      | Term | Period | Course #  | Section | Course Name                     | Total Credits Required for Certificate | Meet    | Contract Type | Position Type   | FCE Assignment |
|-----------|------|--------|-----------|---------|---------------------------------|--|---------|---------------|-----------------|----------------|
| 2017 - 18 | S17  | S1     | KINE 2490 | A       | Athletic Therapy I              |  | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | F17  | F      | KINE 2490 | A       | Athletic Therapy I              |  | LECT 01 | CUPE-2        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | F17  | F      | KINE 2490 | A       | Athletic Therapy I              | 3.0                                    | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | W18  | W      | KINE 2490 | M       | Athletic Therapy I              |  | LECT 01 | CUPE-2        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | W18  | W      | KINE 2490 | M       | Athletic Therapy I              |  | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3460 | A       | Regional Human Anatomy I        | 3.0                                    | LECT 01 | Full-time     | Course Director | 0.33           |
| 2017 - 18 | F17  | F      | KINE 3460 | A       | Regional Human Anatomy I        |  | LAB 01  | Full-time     | Tutorial Leader | 0.25           |
| 2017 - 18 | F17  | F      | KINE 3460 | A       | Regional Human Anatomy I        |  | LAB 02  | CUPE-1        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3460 | A       | Regional Human Anatomy I        |  | LAB 03  | CUPE-1        | T2 (Demo)       | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3460 | M       | Regional Human Anatomy I        |  | LECT 01 | Full-time     | Course Director | 0.33           |
| 2017 - 18 | W18  | W      | KINE 3460 | M       | Regional Human Anatomy I        |  | LAB 01  | CUPE-1        | T2 (Demo)       | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3460 | M       | Regional Human Anatomy I        |  | LAB 02  | CUPE-1        | T2 (Demo)       | 0.5            |
| 2017 - 18 | S17  | S1     | KINE 3465 | A       | Regional Human Anatomy II       |  | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | S17  | S1     | KINE 3465 | A       | Regional Human Anatomy II       |  | LECT 01 | CUPE-1        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | W18  | W      | KINE 3465 | M       | Regional Human Anatomy II       | 3                                      | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3465 | M       | Regional Human Anatomy II       |  | LECT 01 | CUPE-1        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | S17  | S1     | KINE 3575 | A       | Athletic Injuries - Extremities |  | LECT 01 | CUPE-2        | Course Director | 0.5            |
| 2017 - 18 | S17  | S1     | KINE 3575 | A       | Athletic Injuries - Extremities |  | LAB 01  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | S17  | S1     | KINE 3575 | A       | Athletic Injuries - Extremities |  | LAB 02  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities | 3.0                                    | LECT 01 | Full-time     | Course Director | 0.33           |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities |  | LECT 01 | CUPE-2        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities |  | LAB 01  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities |  | LAB 02  | Full-time     | Tutorial Leader | 0.25           |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities |  | LAB 03  | Full-time     | Tutorial Leader | 0.25           |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities |  | LAB 04  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3575 | A       | Athletic Injuries - Extremities |  | LECT 01 | CUPE-2        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | F17  | F      | KINE 3575 | B       | Athletic Injuries - Extremities |  | LECT 01 | CUPE-2        | Course Director | 0.33           |
| 2017 - 18 | F17  | F      | KINE 3575 | B       | Athletic Injuries - Extremities |  | LAB 01  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3575 | B       | Athletic Injuries - Extremities |  | LAB 02  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3575 | B       | Athletic Injuries - Extremities |  | LAB 03  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | F17  | F      | KINE 3575 | B       | Athletic Injuries - Extremities |  | LAB 04  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3575 | M       | Athletic Injuries - Extremities |  | LECT 01 | CUPE-2        | Course Director | 0.33           |
| 2017 - 18 | W18  | W      | KINE 3575 | M       | Athletic Injuries - Extremities |  | LECT 01 | CUPE-2        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | W18  | W      | KINE 3575 | M       | Athletic Injuries - Extremities |  | LAB 01  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3575 | M       | Athletic Injuries - Extremities |  | LAB 02  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3575 | M       | Athletic Injuries - Extremities |  | LAB 03  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3575 | M       | Athletic Injuries - Extremities |  | LAB 04  | CUPE-2        | T2 (Demo)       | 0.5            |
| 2017 - 18 | S17  | S2     | KINE 3600 | M       | Athletic Therapy II             |  | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3600 | M       | Athletic Therapy II             | 3                                      | LECT 01 | Full-time     | Course Director | 0.5            |
| 2017 - 18 | W18  | W      | KINE 3600 | M       | Athletic Therapy II             |  | LECT 01 | CUPE-2        | T3 (Mrk/Grd)    |                |
| 2017 - 18 | S17  | S2     | KINE 4575 | M       | Athletic Injuries - Body Core   |  | LECT 01 | Full-time     | Course Director | 0.33           |
| 2017 - 18 | S17  | S2     | KINE 4575 | M       | Athletic Injuries - Body Core   |  | LAB 01  | Full-time     | Tutorial Leader | 0.25           |
| 2017 - 18 | F17  | F      | KINE 4575 | A       | Athletic Injuries - Body Core   |  | LECT 01 | Full-time     | Course Director | 0.33           |
| 2017 - 18 | F17  | F      | KINE 4575 | A       | Athletic Injuries - Body Core   |  | LAB 01  | Full-time     | Tutorial Leader | 0.25           |

| Year         | Term    | Period | Course #   | Section | Course Name                              | Total Credits Required for Certificate | Meet    | Contract Type       | Position Type    | FCE Assignment |
|--------------|---------|--------|------------|---------|--|--|---------|---------------------|------------------|----------------|
| 2017 - 18    | F17     | F      | KINE 4575  | A       | Athletic Injuries - Body Core            |  | LAB 02  | Full-time           | Tutorial Leader  | 0.25           |
| 2017 - 18    | W18     | W      | KINE 4575  | M       | Athletic Injuries - Body Core            | 3                                      | LECT 01 | Full-time           | Course Director  | 0.33           |
| 2017 - 18    | W18     | W      | KINE 4575  | M       | Athletic Injuries - Body Core            |  | LAB 01  | Full-time           | Tutorial Leader  | 0.25           |
| 2017 - 18    | W18     | W      | KINE 4575  | M       | Athletic Injuries - Body Core            |  | LAB 02  | Full-time           | Tutorial Leader  | 0.25           |
| 2017 - 18    | F17-W18 | Y      | KINE 4590  | A       | Adv Athletic Therapy Assessment & Rehab  | 6                                      | LECT 01 | Full-time           | Course Director  | 0.5            |
| 2017 - 18    | F17-W18 | Y      | KINE 4590  | A       | Adv Athletic Therapy Assessment & Rehab  |  | LECT 01 | Full-time           | Course Director  | 0.34           |
| 2017 - 18    | F17-W18 | Y      | KINE 4590  | A       | Adv Athletic Therapy Assessment & Rehab  |  | LECT 01 | Full-time           | Course Director  | 0.16           |
| 2017 - 18    | S17     | SU     | KINE 4592A | A       | Athletic Therapy Field Placement         |  | PRAC 01 | CUPE-2              | Course Director  | 0.5            |
| 2017 - 18    | S17     | SU     | KINE 4592A | B       | Athletic Therapy Field Placement         |  | PRAC 01 | Full-time           | Course Director  | 0.5            |
| 2017 - 18    | F17-W18 | Y      | KINE 4592B | A       | Athletic Therapy Field Placement         |  | PRAC 01 | CUPE-2              | Course Director  | 1              |
| 2017 - 18    | F17-W18 | Y      | KINE 4592B | B       | Athletic Therapy Field Placement         |  | PRAC 01 | Full-time           | Tutorial Leader  | 0.17           |
| 2017 - 18    | F17-W18 | Y      | KINE 4592B | B       | Athletic Therapy Field Placement         |  | PRAC 01 | Full-time           | Course Director  | 0.5            |
| 2017 - 18    | F17-W18 | Y      | KINE 4592B | B       | Athletic Therapy Field Placement         |  | PRAC 01 | Full-time           | Tutorial Leader  | 0.17           |
| 2017 - 18    | F17     | P      | PKIN 0761  | A       | First Responder for Athletic Therapy I   |  | PRAC 01 | CUPE-2              | T6 (Studio Inst) | 0.25           |
| 2017 - 18    | F17     | P      | PKIN 0761  | A       | First Responder for Athletic Therapy I   | 0.0                                    | PRAC 01 | Full-time (Retiree) | Course Director  | 0.085          |
| 2017 - 18    | F17     | P      | PKIN 0762  | A       | First Responder for Athletic Therapy II  | 0.0                                    | PRAC 01 | Full-time (Retiree) | Course Director  | 0.085          |
| 2017 - 18    | F17     | P      | PKIN 0762  | A       | First Responder for Athletic Therapy II  |  | PRAC 01 | CUPE-2              | T6 (Studio Inst) | 0.25           |
| 2017 - 18    | F17-W18 | Y      | PKIN 0812  | A       | Clinical Placement in Athletic Therapy I | 0                                      | PRAC 01 | CUPE-2              | T6 (Studio Inst) | 0.5            |
| 2017 - 18    | F17-W18 | Y      | PKIN 0813  | A       | Clinical Placement in Athletic Therapy I | 0                                      | PRAC 01 | CUPE-2              | T6 (Studio Inst) | 0.5            |
| 2017 - 18    | F17-W18 | Y      | PKIN 0821  | A       | Clinical Skills I                        |  | PRAC 01 | CUPE-2              | T6 (Studio Inst) | 0.25           |
| 2017 - 18    | F17-W18 | Y      | PKIN 0821  | A       | Clinical Skills I                        | 0                                      | PRAC 01 | Full-time           | Course Director  | 0.085          |
| 2017 - 18    | F17-W18 | Y      | PKIN 0822  | A       | Clinical Skills II                       | 0                                      | PRAC 01 | Full-time           | Course Director  | 0.085          |
| 2017 - 18    | F17-W18 | Y      | PKIN 0822  | A       | Clinical Skills II                       |  | PRAC 01 | CUPE-2              | T6 (Studio Inst) | 0.25           |
| <b>Total</b> |         |        |            |         |  | <b>24.00</b>                           |         |                     | <b>Total FCE</b> | <b>22.82</b>   |

**Existing Calendar Copy (Change From)****Admission:**

Students must be degree candidates in ~~kinesiology and health science~~. The application process for this program includes ~~an assessment of academic standing, a letter of application~~ and reference letters. ~~Applicants~~ must have completed a minimum of 24 credits ~~including HH/KINE 1000 6.00 and HH/KINE 1020 6.00 and achieved~~ a minimum cumulative average of 5.00 (C+). Standard First Aid and ~~Basic Rescuer CPR~~ certification (or HH/PKIN 0750 0.00) ~~and attendance at the Information and Interview Session~~ are ~~required for application to the program.~~

**Required Courses:**

~~HH/KINE 2490 3.00  
HH/KINE 3575 3.00  
HH/KINE 3600 3.00  
HH/KINE 3460 3.00  
HH/KINE 4575 3.00  
HH/KINE 4590 6.00~~

**Plus three credits selected from the following courses:**

~~HH/KINE 3465 3.00  
HH/KINE 4430 3.00  
HH/KINE 4460 3.00  
HH/KINE 4470 3.00  
HH/KINE 4472 3.00  
HH/KINE 4475 3.00  
HH/KINE 4565 3.00  
HH/KINE 4740 3.00  
HH/KINE 4900 3.00~~

**Required Courses:**

Kinesiology and Health Science Practicum core plus:

HH/PKIN 0761 0.00  
HH/PKIN 0762 0.00  
HH/PKIN 0811 0.00  
HH/PKIN 0812 0.00  
~~HH/PKIN 0813 0.00  
HH/PKIN 0821 0.00  
HH/PKIN 0822 0.00~~

**Proposed Calendar Copy (Change To):****Admission:**

Students must be degree candidates in the Kinesiology and Health Science Honours program at York University. The application process for this program includes a competed application form and two reference letters, one of which indicates a completion of 40 experiential hours in the clinical and/or field setting with a Certified Athletic Therapist - CAT(C) or Sport Physiotherapist or a current York Athletic Therapy Certificate Program (ATCP) student enrolled in HH/KINE 4592. Applicants must have completed or be in the process of completing a minimum of 48 credits by the end of the Winter Term of the same calendar year as their application to the York ATCP, and achieved a minimum cumulative grade point average of 5.00 (C+), including minimum grade of C+ in each of HH/KINE 2495 3.00 (or HH/KINE 2490 3.00 and HH/KINE 3600 3.00), HH/KINE 2011 3.00 and HH/KINE 2031 3.00. Standard First Aid and CPR-C certification (or HH/PKIN 0750 0.00) is also required. Applications must be submitted to the Kinesiology Undergraduate Office by February 1. Upon review of submitted applications, eligible applicants will be contacted to complete an interview process. Successful applicants will be offered a letter of admission into the Athletic Therapy Certificate Program.

**Academic Standing:**

Students must complete the required academic and practicum Athletic Therapy courses in consecutive order over a 3-year period from the time of entry into the Athletic Therapy Certificate Program. Students in the Athletic Therapy Certificate must maintain an Honours standing (cumulative grade point average of 5.00 – C+) in the Kinesiology and Health Science program and a minimum an overall grade point average of 5.00 (C+) average in each of the required certificate courses.

Graduating with a certificate (33 credits):

HH/KINE 2500 3.00  
HH/KINE 2501 3.00  
HH/KINE 2502 3.00  
HH/KINE 2503 3.00  
HH/KINE 3500 3.00  
HH/KINE 3501 3.00  
HH/KINE 3502 3.00  
HH/KINE 3503 3.00  
HH/KINE 4592 6.00  
HH/KINE 4593 3.00  
HH/PKIN 0761 0.00  
HH/PKIN 0762 0.00  
HH/PKIN 0811 0.00  
HH/PKIN 0812 0.00

| Legend  |  | Required Credits  |  |   |          |                |               |             |              |           |              |       |
|---|--|---|--|---|----------|----------------|---------------|-------------|--------------|-----------|--------------|-------|
| General Education Course  |  | Each credit = 1 contact hour  |  |   |          |                |               |             |              |           |              |       |
| Credits outside the Major (not KINE)  |  |   |  |   |          |                |               |             |              |           |              |       |
| Kinesiology Course  |  | Total KIN Degree/AT Certificate Credits Required = 120  |  |   |          |                |               |             |              |           |              |       |
| Athletic Therapy Course   |  | Total KIN/AT Student Practicum Credits Required = 8   |  |   |          |                |               |             |              |           |              |       |
| Electives   |  |   |  |   |          |                |               |             |              |           |              |       |
| Practicum Course  |  |   |  |   |          |                |               |             |              |           |              |       |
| B.A. Spec. Hons KINE/AT Certificate   |  |   |  | Academic                                | Academic | Academic       | Academic      |             | Non Academic | Academic  |              |       |
| FALL SEMESTER   |  | WINTER SEMESTER   |  | SUMMER SEMESTER                         |          | Gen Ed Credits | Outside Major | KIN Credits | AT credits   | Electives | PKIN credits | Total |
| <b>Year 1</b>   |  |   |  |   |          |                | 12            | 6           | 12           |           | 2            | 30    |
| Approved General Education Course (Humanities)<br>6.00 credits                                |  |   |  | option to take in summer                |          |                |               |             |              |           |              |       |
| Approved General Education Course (Social Science)<br>6.00 credits                            |  |   |  | option to take in summer                |          |                |               |             |              |           |              |       |
| Credits outside the major<br>KINE students are strongly recommended to take HH/PSYC 1010 6.00 |  |   |  | option to take in summer                |          |                |               |             |              |           |              |       |
| KINE 1000: Sociocultural Perspectives in Kinesiology<br>6 credits                             |  |   |  |   |          |                |               |             |              |           |              |       |
| KINE 1020: Fitness and Health<br>6 credits  |  |   |  |   |          |                |               |             |              |           |              |       |
| Aquatics PKIN (PKIN 02XX)   |  | Dance/Gymnastics PKIN (PKIN 05XX)   |  | option to take in summer                |          |                |               |             |              |           |              |       |
| <b>Year 2</b>   |  |   |  | 6                                       | 6        | 18             |               |             |              | 2         | 30           |       |
| Approved General Education Course (Natural Science)<br>6.00 credits                           |  |   |  | option to take in summer                |          |                |               |             |              |           |              |       |
| Credits outside the major<br>6.00   |  |   |  |   |          |                |               |             |              |           |              |       |
| KINE 2011: Human Physiology I<br>3 credits  |  | KINE 3012: Human Physiology II<br>3 credits   |  | option to take in summer<br>(KINE 2011) |          |                |               |             |              |           |              |       |
| KINE 2031: Human Anatomy<br>3 credits   |  | KINE 3030: Biomechanics of Human Movement<br>3 credits  |  | option to take in summer<br>(KINE 2031) |          |                |               |             |              |           |              |       |
| KINE 2049: Research Methods in Kinesiology<br>3 credits                                       |  | KINE 2050: Analysis of Data in Kinesiology<br>3 credits   |  |   |          |                |               |             |              |           |              |       |
| Track & Field PKIN (PKIN 06XX)  |  | Emergency Care (PKIN 07XX)  |  | option to take in summer                |          |                |               |             |              |           |              |       |
| <b>Year 3 (AT year 1)</b>   |  |   |  |   | 6        | 9              | 12            |             |              | 2         | 27           |       |
| Credits outside the major<br>6.00   |  |   |  | option to take in summer                |          |                |               |             |              |           |              |       |
| KINE 3020: Skilled Performance & Motor Learning<br>3 credits                                  |  | KINE 3000: Psychology of Physical Activity and Health<br>3 credits                                      |  |   |          |                |               |             |              |           |              |       |
| 3.00 credits at the 4XXX level (does not need to be in KINE, but can be)                      |  |   |  |   |          |                |               |             |              |           |              |       |
| KINE 2500 AT Field Inquiry-Based Tutorial<br>3 credits  |  | KINE 2502 AT Extremities Inquiry-Based Tutorial<br>3 credits  |  |   |          |                |               |             |              |           |              |       |
| KINE 2501 AT Field Seminar and Skills<br>3 credits  |  | KINE 2503 AT Extremities Seminar and Skills<br>3 credits  |  |   |          |                |               |             |              |           |              |       |
| PKIN 0761: First Responder for Athletic Therapy I (can fulfill elective requirement)          |  | PKIN 0762: First Responder for Athletic Therapy II (can fulfill elective requirement)                   |  |   |          |                |               |             |              |           |              |       |
| <b>Year 4 (AT year 2)</b>   |  |   |  |   |          | 6              | 12            |             |              | 2         | 18           |       |
| KINE 4010: Exercise Physiology<br>3 credits   |  | KINE 4020: Human Nutrition<br>3.00 credits  |  |   |          |                |               |             |              |           |              |       |
| KINE 3500 AT Inquiry Tutorial - Head, Trunk & Spine<br>3 credits                              |  | KINE 3502 AT Inquiry Tutorial - Upper/Lower Quadrant<br>3 credits                                       |  |   |          |                |               |             |              |           |              |       |
| KINE 3501 AT Head, Trunk & Spine Seminar and Skills<br>3 credits                              |  | KINE 3503 AT Upper/Lower Quadrant Seminar and Skills<br>3 credits                                       |  |   |          |                |               |             |              |           |              |       |
| PKIN 0811: Practicum for Athletic Therapy I (can fulfill PKIN 03XX Team Sports Requirement)   |  | PKIN 0812: Practicum for Athletic Therapy II (can fulfill PKIN 04XX Individual/Dual Sports Requirement) |  |   |          |                |               |             |              |           |              |       |
| <b>Year 5 (AT year 3)</b>   |  |   |  |   |          |                | 9             |             | 6            |           | 15           |       |
| 3.00 credits electives<br>any course/any level/any department                                 |  | 3.00 credits electives<br>any course/any level/any department   |  |   |          |                |               |             |              |           |              |       |
| KINE 4592: Athletic Therapy Experiential Education<br>6 credits                               |  | KINE 4593: Athletic Therapy Integrative Seminar and Skills  |  |   |          |                |               |             |              |           |              |       |
| <b>Total:</b>   |  |   |  |   |          |                |               |             |              | 8 PKINs   | 120 credits  |       |

Upper-level credits: a minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.

| Legend  |                 | Required Credits  |                |                                      |              |            |          |         |             |
|---|-----------------|---|----------------|--------------------------------------|--------------|------------|----------|---------|-------------|
| General Education Course  |                 | Each credit = 1 contact hour  |                |                                      |              |            |          |         |             |
| Science Course  |                 |   |                |                                      |              |            |          |         |             |
| Kinesiology Course  |                 | Total KIN Degree/AT Certificate Credits Required = 120  |                |                                      |              |            |          |         |             |
| Athletic Therapy Course   |                 | Total KIN/AT Student Practicum Credits Required = 8   |                |                                      |              |            |          |         |             |
| Practicum Course  |                 |   |                |                                      |              |            |          |         |             |
| B.Sc. Spec. Hons KINE/AT Certificate  |                 |   |                | Academic                             | Academic     | Academic   | Academic | Non     | Academic    |
| FALL SEMESTER   | WINTER SEMESTER | SUMMER SEMESTER   | Gen Ed Credits | SC Credits                           | KINE Credits | AT credits | Academic | PKINs   |             |
| <b>Year 1</b>   |                 |   |                | 6                                    | 12           | 12         |          | 2       | 30          |
| Approved General Education Course (Humanities)<br>6 credits   |                 | option to take in summer  |                |                                      |              |            |          |         |             |
| SC credits outside the major 6.00 credits<br>KINE students are strongly recommended to take HH/PSYC 1010 6.00 |                 | option to take in summer  |                |                                      |              |            |          |         |             |
| Approved Math (MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00)<br>6 credits                   |                 | option to take in summer  |                |                                      |              |            |          |         |             |
| KINE 1000: Sociocultural Perspectives in Kinesiology<br>6 credits   |                 |   |                |                                      |              |            |          |         |             |
| KINE 1020: Fitness and Health<br>6 credits  |                 |   |                |                                      |              |            |          |         |             |
| Aquatics PKIN (PKIN 02XX)   |                 | Dance/Gymnastics PKIN (PKIN 05XX)   |                | option to take in summer             |              |            |          |         |             |
| <b>Year 2</b>   |                 |   |                | 6                                    | 6            | 18         |          | 2       | 30          |
| Approved General Education Course (Social Science)<br>6 credits   |                 | option to take in summer  |                |                                      |              |            |          |         |             |
| Basic SC Requirements (Bio, Chem, or Physics)<br>3 credits  |                 | Basic SC Requirements (Bio, Chem, or Physics)<br>3 credits  |                | option to take in summer             |              |            |          |         |             |
| KINE 2011: Human Physiology I<br>3 credits  |                 | KINE 3012: Human Physiology II<br>3 credits   |                | option to take in summer (KINE 2011) |              |            |          |         |             |
| KINE 2031: Human Anatomy<br>3 credits   |                 | KINE 3030: Biomechanics of Human Movement<br>3 credits  |                | option to take in summer (KINE 2031) |              |            |          |         |             |
| KINE 2049: Research Methods in Kinesiology<br>3 credits   |                 | KINE 2050: Analysis of Data in Kinesiology<br>3 credits   |                |                                      |              |            |          |         |             |
| Track & Field PKIN (PKIN 06XX)  |                 | Emergency Care (PKIN 07XX)  |                | option to take in summer             |              |            |          |         |             |
| <b>Year 3 (AT year 1)</b>   |                 |   |                | 6                                    | 6            | 6          | 12       | 2       | 30          |
| Approved General Education Course (HUMA or SOSOC)<br>6 credits  |                 | option to take in summer  |                |                                      |              |            |          |         |             |
| Approved Computer Science<br>3 credits  |                 | SC outside the major at the 2000-level or above<br>3.00 credits   |                | option to take in summer             |              |            |          |         |             |
| KINE 3020: Skilled Performance & Motor Learning<br>3 credits  |                 | KINE 3000: Psychology of Physical Activity and Health<br>3 credits                                      |                |                                      |              |            |          |         |             |
| KINE 2500 AT Field Inquiry-Based Tutorial<br>3 credits  |                 | KINE 2502 AT Extremities Inquiry-Based Tutorial<br>3 credits  |                |                                      |              |            |          |         |             |
| KINE 2501 AT Field Seminar and Skills<br>3 credits  |                 | KINE 2503 AT Extremities Seminar and Skills<br>3 credits  |                |                                      |              |            |          |         |             |
| PKIN 0761: First Responder for Athletic Therapy I (can fulfill elective requirement)                          |                 | PKIN 0762: First Responder for Athletic Therapy II (can fulfill elective requirement)                   |                |                                      |              |            |          |         |             |
| <b>Year 4 (AT year 2)</b>   |                 |   |                |                                      |              | 6          | 12       | 2       | 18          |
| KINE 4010: Exercise Physiology<br>3 credits   |                 | KINE 4020: Human Nutrition<br>3.00 credits  |                |                                      |              |            |          |         |             |
| KINE 3500 AT Inquiry Tutorial - Head, Trunk & Spine<br>3 credits  |                 | KINE 3502 AT Inquiry Tutorial - Upper/Lower Quadrant<br>3 credits                                       |                |                                      |              |            |          |         |             |
| KINE 3501 AT Head, Trunk & Spine Seminar and Skills<br>3 credits  |                 | KINE 3503 AT Upper/Lower Quadrant Seminar and Skills<br>3 credits                                       |                |                                      |              |            |          |         |             |
| PKIN 0811: Practicum for Athletic Therapy I (can fulfill PKIN 03XX Team Sports Requirement)                   |                 | PKIN 0812: Practicum for Athletic Therapy II (can fulfill PKIN 04XX Individual/Dual Sports Requirement) |                |                                      |              |            |          |         |             |
| <b>Year 5 (AT year 3)</b>   |                 |   |                |                                      |              | 3          | 9        |         | 12          |
|   |                 | 3.00 credits at the 3XXX/4XXX level (does not need to be in KINE, but can be)                           |                |                                      |              |            |          |         |             |
| KINE 4592: Athletic Therapy Experiential Education<br>6 credits   |                 |   |                |                                      |              |            |          |         |             |
|   |                 | KINE 4593: Athletic Therapy Integrative Seminar and Skills<br>3 credits                                 |                |                                      |              |            |          |         |             |
| <b>Total:</b>   |                 |   |                |                                      |              |            |          | 8 PKINs | 120 credits |

Upper-level credits: a minimum of 42 credits at the 3000 level or 4000 level including 18 credits at the 3000 or 4000 level in the major with 12 credits at the 4000 level.