Qualifications for TA/TM positions in the Department of Biomedical Physiology and Kinesiology:

The Department of Biomedical Physiology and Kinesiology includes a wide range of specializations and, in order to be appointed, a person must have sufficient knowledge in the discipline of the course to interpret the course material, as demonstrated by either having a strong performance in the course or an equivalent, or thorough knowledge of the discipline and registration in a graduate degree in the discipline or applicable equivalent.

Appointments for the Summer 2018 semester runs May 3 to August 20th. All applicants for TA/TM positions for the Summer 2018 semester are required to be present and available for all assigned work for the course(s) for which they are applying (i.e., scheduled exams and assignments, marking/grading, scheduled labs/tutorials, etc). This includes assignments for distance courses offered through CODE. All TAs and TMs (for Courses for Online Education) must be available to invigilate exams. TMs must be able to collect exams and course work for marking from, and return (once marked) to, the SFU Burnaby campus.

By submitting an application for assignment(s) in the Summer, 2018 semester, you acknowledge these requirements and responsibilities.

Please note: Positions are not guaranteed. Appointments are conditional upon enrollment.

The following is a list of additional qualifications:

BPK 141C requires the TM to have a current CPR certificate and demonstrable knowledge of fitness conditioning programming. Typically the TM would usually have previously taken a strength and conditioning course and ideally a basic exercise physiology course. In addition, the TM must be physically fit enough to demonstrate functional movements and participate in exercise sessions.

BPK 142 requires the TA to have a current CPR certificate. Please note that as this is a first year survey course, a broad range of subject matter is taught - anatomy, biomechanics, anthropometry, exercise physiology, environmental physiology, neural control of movement, and motor learning. The TA will need to have knowledge in all of these areas.

BPK 241 requires the TA to be a physiotherapist or chiropractor or massage therapist with experience working as a therapist for a sports team. In addition, the TA requires a current CPR certificate and a current Sports First Responder Certification.

BPK 304W – this course is a Writing course. The W marker must have excellent writing skills and will be required to attend a W workshop or equivalent.

BPK 326 – The TA is required to have extensive experience with human anatomy, comparative anatomy, and vertebrate dissection. An excellent grade in an equivalent anatomy course (with a laboratory component) is an essential prerequisite. Previous experience teaching in an anatomy lab is highly desirable.
BPK 340 requires that the marker must attend one hour of lecture on four separate occasions during the semester.

BPK 343 Practicum Coordinator – The practicum coordinator is responsible for ensuring that the student practicum runs smoothly. This includes, but is not limited to, securing the placements, assigning students to their placements, trouble-shooting issues that may arise from the placements, and marking the student’s practicum journals at the end of the semester. Other responsibilities include being an examiner at the 343 lab final. Therefore, the PC must have demonstrable knowledge of exercise prescription and fitness assessment. Typically the PC will examine the student’s ability to take blood pressure, heart rate and screen clients prior to beginning and exercise program, however, they may be asked to assist other evaluation stations if they have other skills such as resistance training coaching. On occasions the PC may have to visit placements to make sure everything is running smoothly.

BPK 407 requires the TA to have a current CPR certificate. The TA should have reasonable experience with most of the testing protocols used in the course. This includes extensive experience using the iWorx Human Physiology Testing kit. Successful completion of BPK 407 is preferred.

BPK 422 (Aging Physiology) – applicants must have extensive research experience in human physiology related to at least one of, and ideally two or more of, the following aspects of aging: theories of aging, cellular aging, systemic aging, reproduction, sarcopenia, bone and joint health, the cardiovascular system, cognition, cancer, and inflammation. The applicant must also have experience leading virtual academic discussions.

BPK 431 – applicants must have a strong physiology background with demonstrated strength or experience in group work facilitation, and grading of essays.

BPK 446 requires the marker to have advanced knowledge of Neuroscience and Immunology and evidence of experience in those fields preferably with a graduate degree

BPK 458 Completion of terminal degree in medicine, physiology, pathology or pharmacology. Demonstrated experience teaching online and face-to-face courses at the undergraduate and graduate levels. Expertise in cardiovascular disease. Demonstrated experience teaching interdisciplinary topics in medicine, pathology, pharmacology and clinical biochemistry. Demonstrated experience creating and revising board style examination questions in topics related to health sciences. Ability to facilitate discussion online. Familiarity with current research literature in medicine, physiology, pathology and pharmacology in order to foster critical thinking in these fields. Ability to work independently and as part of a multi-departmental collaboration. Ability to assess competencies related to multi-disciplinary topics in health sciences and assist the department in credit transfer and PLAR applications.