POPULATION HEALTH RISK ASSESSMENT AND MANAGEMENT (PHR)

**PHR 5181 Population Health Risk Assessment I (3 units)**
National and international policy frameworks for health risk assessment and management, including determinants of population health; epidemiological, clinical, and toxicological methods for identifying health hazards; population health surveillance; methods of population health risk assessment; regulatory, economic, advisory, and technological approaches to population health risk management; community action and social marketing; selection of risk management strategies; risk perception and risk communication. Lectures and case studies. Preparation of term paper on a current issue in population health risk assessment. Courses EPI 5181, PHR 5181 cannot be combined for units. **Course Component:** Lecture **Exclusion:** EPI 5181.

**PHR 6101 Risk Management in Government (3 units)**
Study of risk management frameworks, guidelines and principles for decision makers; review of ethical grounding and risk evaluation techniques and follow-up. Written report to be submitted by the student on a current risk management project. **Course Component:** Lecture **Prerequisite:** Permission of instructor.

**PHR 6182 Population Health Risk Assessment II (3 units)**
Scientific methods for population health risk assessment; characterization of population health risks, and attendant uncertainties; risk modeling; combining risk information from different sources; risk acceptability; principles of risk management decision making; evidence-based risk management policy development; audit and evaluation of risk interventions; priority setting; case studies on current population health risk assessment issues. Term paper on a current methodological issue in population health risk assessment required. **Course Component:** Lecture **Prerequisite:** PHR 5181. **PHR 6900 and PHR 6910 cannot be combined for units.**

**PHR 6910 Stage en évaluation et gestion du risque en santé des populations / Practicum in Population Health Risk Assessment and Management (3 crédits / 3 units)**
Stage (10 heures/semaine) dans un milieu de politiques de la santé au sein d’une organisation d’accueil, approuvée par un membre du Conseil consultatif du diplôme. Expérience dans le domaine des politiques et de la gestion de l’évaluation du risque. L’étudiant doit soumettre un rapport sur l’application de l’évaluation des risques. Noté S (satisfaisant) ou NS (non satisfaisant) par un membre de la faculté en consultation avec le superviseur de stage. / Placement (10 hours/week) in a health policy setting in a host organization approved by a faculty member of the Diploma Advisory Board. Hands-on experience in the risk policy and evaluation field. Written report to be submitted by the student on the application of risk assessment. Graded S (Satisfactory) / NS (Not satisfactory) by a faculty member in consultation with the placement supervisor. **Volet / Course Component:** Stage / Work Term **Prerequisites:** EPI 5181. Courses PHR 6910 and PHR 6900 cannot be combined for units. / **Prerequisites:** EPI 5181. Courses PHR 6910 and PHR 6900 cannot be combined for units.

**PHR 6900 Études dirigées en évaluation du risque en santé des populations / Directed Studies in Population Health Risk Assessment (3 crédits / 3 units)**
Recherche et rédaction d’un travail sur un sujet lié à l’évaluation du risque en santé des populations, tel que le risque ayant trait à l’environnement, aux facteurs sociaux, à la génétique et au système de soins de santé, le tout sous la direction d’un professeur membre de la faculté. Le sujet doit être approuvé par le directeur de programme. Noté S (satisfaisant) ou NS (non satisfaisant). / Opportunity to conduct research and write a paper on a current topic in population health risk assessment, including risk issues related to the environment, social factors, genetics or the health system, under the direction of a faculty member. Topic must be approved by the Program Director. Graded S (Satisfactory) / NS (Not satisfactory). **Volet / Course Component:** Cours magistral / Lecture **PHR 6900 and PHR 6910 cannot be combined for credits. / PHR 6900 and PHR 6910 cannot be combined for credits.**