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. PHI 6182 and EPI 6182 cannot be combined for credits.

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. Permission of the Department is required.

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)
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. Permission of the Department is required.