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 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 de terrain de 10 heures par semaine dans le milieu des politiques en santé. Permet de participer à la mise en application de principes d'évaluation ou de gestion du risque en santé des populations et d'obtenir de l'expérience pratique dans le domaine. Évaluation : note de S (satisfaisant) ou NS (non satisfaisant) / A field work placement of 10 hours/week in a health policy setting which provides an opportunity to participate in the application of population health risk assessment or management principles. Provides hands-on experience in the risk policy and evaluation field. Graded: S (satisfactory)/NS (not satisfactory)
Volet / Course Component: Stage / Work Term
Préalable : EPI 5181 ou PHR 5181. / Prerequisite: EPI 5181 or EPI 5181.