

POPH90016 Epidemiology

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| Credit Points: | 12.50 |
| Level: | 9 (Graduate/Postgraduate) |
| Dates & Locations: | This subject is not offered in 2013. Distance only |
| Time Commitment: | Contact Hours: None Total Time Commitment: 8 - 12 hours total study time per week |
| Prerequisites: | None |
| Corequisites: | None |
| Recommended Background Knowledge: | None |
| Non Allowed Subjects: | None |
| Core Participation Requirements: | For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website. |
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| Subject Overview: | Topics include: historical developments in epidemiology; sources of data on mortality and morbidity; disease rates and standardisation; prevalence and incidence; life expectancy; linking exposure and disease (e.g. relative risk, attributable risk); main types of study designs – case series, ecological studies, cross-sectional surveys, case-control studies, cohort or follow-up studies, randomised controlled trials; sources of error (chance, bias, confounding); association and causality; evaluating published papers; epidemics and epidemic investigation; surveillance; prevention; screening; the role of epidemiology in health services research and policy. |
| Objectives: | On completion of this subject students should be familiar with the major concepts and tools of epidemiology, the study of health in populations, and should be able to judge the quality of evidence in health-related research literature |
| Assessment: | Three written assignments to be submitted during semester worth 20% (approx 8 hrs work) 25% (approx 8 hrs work) and 35% (approx 10 hrs work) respectively. One end of semester online exam worth 20% (approx 8 hrs work). |
| Prescribed Texts: | Resources Provided to Students: Printed course notes and assignment material by mail, email, and online interaction facilities. |
| Recommended Texts: | None |
| Breadth Options: | This subject is not available as a breadth subject. |
| Fees Information: | Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees |

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| Generic Skills: | Independent problem solving, critical appraisal of research literature, clarity of written expression |
| Links to further information: | http://www.sph.unimelb.edu.au |
| Notes: | This subject is not available in the Master of Public Health. |
| Related Course(s): | Master of Biostatistics Postgraduate Certificate in Biostatistics Postgraduate Diploma in Biostatistics |