

**PEMETAAN MATLAMAT PENDIDIKAN INSTITUSI VS. OBJEKTIF PENDIDIKAN PROGRAM (PEO)
&
MATLAMAT PENDIDIKAN INSTITUSI VS. HASIL PEMBELAJARAN PROGRAM (PLO)**

PROGRAM: Doktor Kesihatan Awam (Kesihatan Persekitaran dan Pekerjaan)

PTJ: Pusat pengajian Sains Perubatan

a) Pemetaan PEO - IEG

PEO	PEO statement	THINKER (T) IEG1	BALANCED (B) IEG2	ENTREPRENEURIAL (E) IEG3	ARTICULATE (A) IEG4	HOLISTIC (H) IEG5
PEO1	Graduates demonstrate competency in knowledge and skills as public health specialist in Environmental and Occupational Health	✓			✓	
PEO2	Graduates demonstrate the ability to advocate the analytical skills in research methodology and direct field experience in environmental and occupational health	✓	✓	✓	✓	✓
PEO3	Graduates demonstrate the ability to analyse issue and problems in environmental and occupational health using critical evaluation, applied research, qualitative and quantitative skills to produce evidence-based reports and be able to take appropriate action to resolve related health problems identified	✓	✓		✓	✓
PEO4	Graduates demonstrate ability to analyse decision-making processes in organisations, formulation of environmental and occupational health policies and practices by studying programme implementation in institutions and the community	✓	✓		✓	✓
PEO5	Graduates demonstrate ability to advocate environmental and occupational health at various levels (national and international) and able to work effectively with other relevant agencies (private, public,	✓	✓	✓	✓	✓

	and voluntary) for the promotion of health and better standards of living					
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b) Pemetaan PLO - IEG

PLO	MQF 2.0 DOMAIN	PROGRAM LEARNING OUTCOMES, PLO	IEG ELEMENT	
			IEG	IEG ELEMENT
PLO1	Knowledge and Understanding	Demonstrate comprehensive and systematic on current critical public health issues in the most advanced frontiers of knowledge in environmental and occupational health	IEG 1	THINKER
PLO2	Practical skills	Apply public health knowledge to critically analyse, evaluate, synthesize and solve current environmental and occupational health issues	IEG 1 IEG 2	THINKER BALANCED
PLO3	Cognitive skills	Conduct environmental and occupational health activities based on the best evidence	IEG 1	THINKER
PLO4	Communication Skills	Communicate effectively with different level of community and organization on the current environmental and occupational health issues and research findings	IEG 4 IEG 2	ARTICULATE BALANCED
PLO5	Interpersonal Skills	Work collaboratively, ethically, and professionally with different level of community and organization on the current environmental and occupational health issues	IEG 4 IEG 5	ARTICULATE HOLISTIC
PLO6	Ethics and Professionalism	Demonstrate the ability to identify emerging ethical and professional issues, its complexities, and implications to advancement of research in the field and its societal impact	IEG 2	BALANCED
PLO7	Personal Skills	Advocate self-advancement and integration of knowledge for lifelong learning in evidence-based public health	IEG 5	HOLISTIC
PLO8	Entrepreneurial skills	Demonstrate full responsibility for own work and where relevant be accountable for overall management of one's research work	IEG 3	ENTREPRENEURIAL
PLO9	Leadership, autonomy & responsibility	Demonstrate leadership, professionalism and management skills in the organization and research team	IEG 5	HOLISTIC
PLO10	Digital Skills	Integrate appropriate digital technologies to support and enhance research activities based on best evidence	IEG 2	BALANCED
PLO11	Numeracy Skills	Integrate skills to critically evaluate numerical and graphical data in public health research	IEG 1	THINKER