

**Universidade do Estado do Rio de Janeiro – UERJ**  
**Instituto de Medicina Social**  
**Programa de Pós-graduação em Saúde Coletiva**

<b>ÁREA DE CONCENTRAÇÃO: EPIDEMIOLOGIA</b>		<b>PROFESSOR: Guilherme Loureiro Werneck</b>	
<b>ANO/ SEMESTRE:</b>	<b>2022/1</b>	<b>CÓDIGO:</b>	<b>IMS017151 (ME) IMS018168 (DO)</b>
<b>TURMA:</b>	<b>30</b>	<b>CARGA HORÁRIA / CRÉDITOS:</b>	<b>30h / 2 créditos</b>
<b>INÍCIO (dia/mês):</b>	<b>22/03</b>	<b>DIA DA SEMANA / HORÁRIO</b>	<b>Terça-feira / 14h-17h</b>
<b>TÉRMINO (dia/mês):</b>	<b>31/05</b>		

**DISCIPLINA**

**Tópicos Especiais em Epidemiologia**  
**Epidemiologia de doenças infecciosas I - 2022/1**

**EMENTA E PROGRAMA DETALHADOS:**

Objetivo: Apresentar e discutir temas básicos de epidemiologia das doenças infecciosas, enfatizando questões e problemas relativos à concepção, desenho, implementação, análise e interpretação de estudos epidemiológicos sobre o tema.

Conteúdo: Bases teóricas, Inferência causal e desenhos de estudo, Imunidade de grupo, tempo de incubação, Avaliação de vacinas, Heterogeneidades na transmissão de agentes infecciosos, Padrões de contato e disseminação de doenças infecciosas, Surtos e epidemias, o conceito de reservatório, Evolução, Doenças emergentes, Bioterrorismo.

Dinâmica: Leitura e discussão dos textos

**BIBLIOGRAFIA INDICADA:**

**\* - INDICA LEITURA OBRIGATÓRIA**

**Tema 1: Introdução à epidemiologia das doenças infecciosas**

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**Tema 2: Modelos matemáticos em doenças infecciosas**

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**Tema 3: Imunidade de grupo, tempo de incubação e intervalo serial**

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#### **Tema 4: Avaliação de vacinas**

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#### **Tema 5: Padrões de contato, redes sociais e disseminação de doenças infecciosas**

- Cauchemez S, Bhattarai A, Marchbanks TL, Fagan RP, Ostroff S, Ferguson NM, Swerdlow D; Pennsylvania H1N1 working group, 2011. Role of social networks in shaping disease transmission during a community outbreak of 2009 H1N1 pandemic influenza. *Proc Natl Acad Sci U S A*, 108:2825-30.
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#### **Tema 6: Heterogeneidades na transmissão de agentes infecciosos**

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#### **Tema 7: Fundamentos do controle de vetores**

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#### **Tema 8: Fundamentos do controle de reservatórios**

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#### **Tema 9: Investigação de surtos e epidemias**

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**TIPO DE AVALIAÇÃO:** Apresentação de seminários durante o curso e elaboração de uma resenha sobre uma questão relacionada aos temas do curso (entre 1500 e 2000 palavras, excluindo resumo e referências bibliográficas).