Nome da Disciplina: TOP020 - Inclusões Fluidas em Minerais e Interações Fluido/Rocha

Área de Concentração: CTMA( ) CTMI(X) CTRA( )

Nível: M/D **Obrigatória:** **Optativa: X**

Carga Horária: 60 horas de aula (de 50'cada)

Número de Créditos: 04

Professor(es) : Francisco Javier Rios e Lucilia Aparecida Ramos de Oliveira

EMENTA

- O que são inclusões fluidas e sua importância;
- Condições de formação;
- Classificação e identificação;
- Informações fornecidas pelas inclusões fluidas;
- Interações fluido/rocha;
- Importância e aplicações geológicas;
- Cuidados analíticos;
- Seleção e Preparo de amostras;
- Técnicas analíticas disponíveis para o estudo de inclusões fluidas: microscopia de luz normal (minerais transparentes) e no infravermelho (minerais opacos), microtermometria, Raman, LA-ICP-MS e outras;
- Interpretação dos resultados: Diagramas de fases e cálculos físico-químicos;
- Aplicações: Estudos de caso.

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