



UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO
CENTRO DE TECNOLOGIA E CIÊNCIAS
FACULDADE DE GEOLOGIA
COORDENAÇÃO DE PÓS-GRADUAÇÃO

PROGRAMA DE PÓS-GRADUAÇÃO EM GEOCIÊNCIAS

PROGRAMA DA DISCIPLINA

NOME DA DISCIPLINA:

Tectônica de Alojamento de Rochas Ígneas

CARGA HORÁRIA: 45

Nº DE CRÉDITOS: 3

CATEGORIA: eletiva

PROFESSOR RESPONSÁVEL: Julio Cesar Horta de Almeida

OBJETIVOS:

CONTEÚDO:

1. Estrutura Interna da Terra
2. Conceitos básicos sobre reologia da litosfera
 - a. Stress, Strain, Reologia
3. Propriedades Térmicas das Rochas
4. Propriedades Físicas dos Magmas
 - a. Viscosidade
 - b. Fluxos Laminar e Turbulento
 - c. Creep
 - d. Densidade
5. Corpos Ígneos Intrusivos
 - a. Convecção
 - b. Tramas Magmáticas e Magnéticas
6. Corpos Ígneos Laminares
 - a. Diques
 - b. Sills
 - c. Enxames de Diques
7. Lacólitos
 - a. Lacólitos
 - b. Lopólitos
 - c. Facólitos
8. Corpos Ígneos Globulares
 - a. Forma dos Plútons
 - b. Contatos
 - c. Tamanho
 - d. Estrutura Interna
 - e. Auréolas de Contato



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- f. Nível de Colocação
- g. Batólitos
- 9. Mecânica de Intrusão
- 10. Feições indicativas do campo de esforços vigentes durante a intrusão dos plútons

Avaliação: seminário

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