**Disciplina – Origem e Evolução de Hexapoda – BZE 7023 – PROGRAMA**

**Aulas**: terças e sextas (módulo I) / terças e quintas (módulo II)

**Horário**: 09:00-12:00 horas; 14:00-17:00 horas

**Créditos**: 03 (três créditos teórico-práticos); carga horária: T/P=03 (12/semana; 102/semestre).

**Ementa**: Classificação e filogenia dos insetos. Estudo das ordens basais dos insetos incluindo caracteres gerais, morfologia da cabeça, tórax e abdome. Notas sobre a biologia. Identificação das famílias das principais ordens de insetos.

**PROGRAMA**

**Evolução e Morfologia de Hexapoda e ordens basais**

– Apresentação. Introdução à disciplina. Objetivos do curso.

– Origem e evolução de Hexapoda. Sinapomorfias dos clados de Hexapoda

– Entognatha, Archaeognatha e Zygentoma

– Odonata, Ephemeroptera e Plecoptera

– Embioptera, Dermaptera, Zoraptera, Grylloblattodea e Mantophasmatodea

– Orthoptera

– Phasmatodea, Blattaria e Mantodea

– Isoptera

–Thysanoptera, Psocoptera e Phthiraptera

**Referências bibliográfica básicas para a disciplina**

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Trautwein, MD; Wiegmann, BM; Beutel, R; Kjer KM and Yeates, DK. 2012. Advances in Insect Phylogeny at the Dawn of the Postgenomic Era. Ann. Rev. Entomol. 57:449–68.

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Web page: The tree of life < http://tolweb.org/tree/phylogeny.html >