

COURSE OBJECTIVES AND READING MATERIALS

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BIOL 156 NON-VASCULAR PLANTS

COURSE OUTLINE

General features, classification, structure, reproduction and life cycles of Thallophytes and Bryophytes.

Evolution, economic importance, distribution and ecology of Thallophytes and Bryophytes and their adverse environmental impact.

OBJECTIVES

1. Distinguish the characteristics of non-vascular plants and their life cycles.
2. Distinguish between the various groups of non-vascular plants - algae, liverworts, hornworts and mosses.

SOME READING MATERIALS

1. A. C. Dutta: Botany for Degree Students
2. Peter R. Bell: Green Plants: Their Origin and Diversity
3. William T. Doyle: Non-vascular Plants: Form and Function
4. F. E. Round: Introduction to the Lower Plants
5. Philip Sze: A Biology of the Algae
6. Kingsley R. Stern: Introductory Plant Biology