

# **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