

Plants 101

Description: this introductory course explores the basics of plants: what they are, why they are green, what major groups of plants found on earth are, how humans involve plants in many aspects of life (agriculture, medicine, art, etc.), basic plants anatomy and structure, plants' roles in ecosystems, invasive plants, the fundamentals of identifying plant species, career paths involving plants, laws & regulations pertaining to plants, and more.

Target audience: beginner-level individuals including gardeners, environmental stewardship groups, students, academics, consultants.

Duration: half day (3-4 hrs), full day (6-7 hrs), or ~11 hours across three afternoons.

Content	Slide Count	%
Intro to plants	8	5
Groups of plants in the tree of life, plant forms	14	9
Roles of plants in human life	21	13
Ecosystem services, plant-wildlife interactions, databases	17	10
Plant anatomy, structure, terminology	33	20
Plant identification	29	18
Plant species of interest in Alberta, plant communities	18	11
Invasive plants	5	3
Careers, laws and regulations, resources	17	10
Total	162	100%

*Slide Count & % values are approximate and subject to change. Note that this course outline describes the **full** version of the course; condensed versions of the course may be offered, with the volume of content scaled down proportionately.