

## Botany major graduate attributes

Graduate attribute	Courses that address the attribute
1. Demonstrate an understanding of the major features of plants that enable growth and adaptation to environments	*BIOL2203, BIOL3201, BIOL3202, BIOL3011, *BIOL3200, BIOL3204, BIOL3227
2. Explain key concepts and approaches in plant biology including plant ecology, plant interactions, plant biochemistry and physiology, plant cell biology, plant genetics, plant molecular biology and plant biotechnology	*BIOL2203, BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204, BIOL3227
3. Perform experiments in plant biology as a team member and individual	BIOL 2203, BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204
4. Evaluate and present original research as a team member and individual	BIOL3201, BIOL3202, BIOL3011, *BIOL3200, BIOL3204
5. Describe the major approaches to plant science research and applications	BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204
6. Critically evaluate plant science research and issues in plant science	BIOL 2203, BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204, BIOL3227
7. Distinguish high quality plant science research	BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204
8. Understand how to apply research findings e.g., plant improvement and environmental sustainability	BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204, BIOL3227
9. Interpret and apply legislation on plants and plant products	BIOL3201, BIOL3203, BIOL3011, *BIOL3200, BIOL3204, BIOL3227
10. Deliver an international quality research presentation	BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204
11. Prepare an independent research report in plant science	BIOL 2203, BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204
12. Work effectively as a scientific research assistant in this field, and develop additional skills for career advancement in plant biology	BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204; BIOL3227
13. Critically evaluate claims for benefits and/or risks of plant products and reach informed judgments about their merits in a global context	BIOL3201, BIOL3202, BIOL3203, BIOL3011, *BIOL3200, BIOL3204; BIOL3227

\***compulsory course**