BIOS 3032 PLANT SCIENCE

Credit Points 10

Legacy Code 301272

Coordinator Oula Ghannoum (https://directory.westernsydney.edu.au/search/name/Oula Ghannoum/)

Description Plants are the primary producers of terrestrial ecosystems and moderators of climate change. This subject introduces students to how plants grow and interact with their environment. Students will learn how leaves turn sunlight energy into sugars; stems transport water, solutes and organic compounds; roots acquire water and mineral nutrients by themselves or in association with soil microbes; and hormones regulate plant development and responses to the environment. This knowledge set is crucial for managing our Century's key challenges of food security and climate change. Students will be required to travel to the Hawkesbury campus where the practicals take place.

School Science

Discipline Botany

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

Restrictions

Successful completion of 120 credit points

Assumed Knowledge

Sound knowledge of biology and chemistry equivalent to undergraduate Level 1 subjects. 20 credit points of Level 2 Biology subjects.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Practical	4 x mini practical reports (worth 10 marks each); Completed during each of the practical sessions, calculation, short answers & MCQ	40	N	Individual
Intra-session Exam	2 hours	30	N	Individual
Final Exam	2 hours	30	N	Individual

Teaching Periods

Autumn (2024)
Hawkesbury
On-site

Subject Contact Oula Ghannoum (https://directory.westernsydney.edu.au/search/name/Oula Ghannoum/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BIOS3032_24-AUT_HW_1#subjects)