Maryborough State High School

Senior School options for Year 10 – 12 Science

Year 10 Science

Year 10 Science has specially designed transition subjects developed to ensure students have the opportunity to experience each of the senior specialist science subjects and the assessment demands of senior subjects.

Biology (OP)

Biology is the study of life in its many manifestations. It encompasses studies of the origin, development, diversity, functioning and evolution of living systems and the consequences of intervention in those systems.

Chemistry (OP)

Chemistry helps us to understand the links between the macroscopic properties of the world, and the subatomic particles and forces that account for those properties. The application of chemistry enables us to make sense of the physical world.

Marine Science (OP)

Marine Science is concerned with researching marine environments to determine their biological and oceanographic features, and devising conservation strategies that may lead to a sustainable future. Students plan and conduct practical and research-based marine investigations to explore marine environments, issues and problems. Students may develop the marine research skills of boating and snorkelling across marine environments. In Year 11, students have the opportunity to participate in a boating and marine camp where they are also able to achieve their boat license. Due to external providers there is a financial obligation with this course.

Physics (OP)

The study of Physics gives students a means of enhancing their understanding of the world around them, a way of achieving useful knowledge and skills, and a stepping stone for further study. An understanding of Physics adds to and refines the development of students’ scientific literacy. Students participate by working scientifically and enacting scientific inquiries, investigations and experiments.

Aquatic Practices (SAS)

Aquatic Practices provides opportunities to practically explore, experience and study the role coastal waters and inland waterways have in tourism, recreation, transport and food production.