



Emerging **SCIENCES VICTORIA (ESV)**

An opportunity for Year 9 and 10 students to engage in specialised STEM-based studies and careers through a virtual classroom.

Facilitated by John Monash Science School (JMSS), Emerging Sciences Victoria (ESV) is a virtual interactive classroom, providing a unique opportunity for Year 9 and 10 students to study contemporary STEM subjects, regardless of their geographic location.

ESV classes run for one hour, twice a week, over 15-weeks and provide access to specialised subjects including Astrophysics, Nanotechnology, Neuroscience, Biotechnology and Earth Sciences, through web-based teaching and learning platforms.

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Broadcast from a purpose-built studio on the campus of John Monash Science School, Emerging Sciences Victoria (ESV) makes it possible for Year 9 and 10 students in Victoria to access specialised STEM subjects through a virtual classroom.

Offering a range of subjects developed in collaboration with Monash University, ESV classes run for one hour, twice a week, over a 15-week semester. Most classes are available during school hours and are similar to music lessons - students are excused from existing classes at scheduled times to join and participate in the online classroom.

To participate students require their own laptop, an internet connection and a headset (with microphone).

Students can study as individuals, in groups, or as full classes, and will receive a mid-way progress report, full report and certificate upon successful completion.

Participation is arranged through a nominated liaison teacher on-staff at the students' school, and is open to all Victorian Year 9/10 students.



KEY INFORMATION



2019 Dates

Semester One

Monday 4 February – Friday 7 June

Semester Two

Monday 15 July – Friday 15 November



Fee Structure

Government Schools

\$130.00 / student per subject

Non-Government Schools

\$280.00 / student per subject

ESV SUBJECTS

ESV will be offering the following subjects to students in 2019:

- **Frontiers of Physics**
- **Nanotechnology**
- **Nature and Beauty of Mathematics**
- **Biotechnology**
- **Neuroscience**
- **Synchrotron Science**