



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

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 50 minutes, 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



### 2020 Dates

#### Semester One\*

Monday 10 February - Friday 12 June

#### Semester Two\*

Monday 20 July - Friday 20 November



### Fee Structure

#### Government Schools

\$130.00 / student per subject (Early bird\*\*)

\$160.00 / student per subject (Full price)

#### Non-Government Schools

\$280.00 / student per subject (Early bird\*\*)

\$320.00 / student per subject (Full price)

\* Includes technical sessions

\*\*Early bird prices are for all bookings made before 20 December 2019.

## ESV SUBJECTS

ESV will be offering the following subjects to students in 2020:

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