

Teach with AMSI Online: Honours and Masters

Expanding access to advanced mathematical sciences

Thank you for your interest in delivering a subject as part of the [AMSI Online: Honours and Masters program](#) (formerly AMSI ACE Network). AMSI Online enables universities to open advanced mathematical sciences subjects to Honours and Masters students across Australia. This guide summarises what is involved in delivering a subject to a national online cohort

Why Teach with AMSI Online?

Teaching through AMSI Online allows you to:

- Extend the reach of your specialist subject beyond your home university.
- Build your national teaching and research profile.
- Connect with motivated students and academic colleagues across Australia.
- Increase the visibility of your research area and potentially attract future Honours, Masters and PhD students.
- Help sustain advanced subjects that may have small enrolments at an individual university.
- Your contribution may also support academic promotion, workload and service records, subject to your university's policies.

"AMSI Online is an amazing way to reach mathematics students from around Australia, and it helps those students get a broader and more in-depth education." Professor Michael Bode, QUT

What's Involved?

Most AMSI Online subjects are part of your home university curriculum, opened to external online students. Subjects should be tried and tested, delivered live virtually and recorded.

You provide:

- A subject guide (weekly topics, assessment, prerequisites, learning outcomes).
- A short pre-enrolment quiz for students to self-assess their readiness to undertake your course.
- Online access to classes and materials (via LMS or alternative).
- Final marks for external students to their home university coordinator and AMSI (not directly to students).

AMSI provides:

- Centralised student application, enrolment and communication support.
- National marketing and promotion of your subject.
- Coordination with students' home universities and academic contacts.
- Class lists and enrolment updates before teaching begins.
- Recognition of your contribution through AMSI Online communications and lecturer profiles.

"This is the kind of teaching that gives you energy; you are teaching your favourite course to the most talented and engaged students across Australia. Being an AMSI Online lecturer puts you in the spotlight. It becomes easier to recruit Honours and PhD students, and your expertise is increasingly recognised by students and colleagues alike." Associate Professor Stephen Davis, RMIT

What You Need to Do at Your Home University

- Seek School/Faculty approval to open your subject to AMSI Online students.
 - Ensure LMS access (guest logins or alternative system).
 - Confirm with your LMS team what student details are needed (AMSI will collect this via the enrolment form).
 - Where LMS access is not possible, previous lecturers have used Dropbox, password-protected webpages, Open StudyDesk, or email distribution.
 - Confirm your classes are scheduled in a hybrid teaching space with webcams and microphones.
 - Be mindful of time zones when scheduling classes to ensure accessibility for students nationwide.
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Workload implications

Teaching through AMSI Online generally aligns with your normal delivery, with some additional tasks to accommodate external students:

- LMS access setup for external students. *Providing LMS access ensures external students are managed like local students, minimising extra workload.*
- Videoconferencing/recording link setup, if not automatic at your home university.
- Adding participation and completion data to AMSI class lists mid- and end-of-semester.
- Additional marking for external students.

Tips for successful hybrid delivery

- Start with a brief introduction to outline expectations and encourage engagement.
- Use interactive tools – polls, breakout rooms, collaborative whiteboards, discussion boards – to support active participation.
- Maintain regular communication via classes, email, discussion boards, or consultation hours.
- Use your university's approved video-conferencing tool (Zoom/Teams; AMSI can provide a Zoom login if needed).
- Ensure recordings and materials are accessible for students unable to attend live.
- Monitor participation and liaise with home university coordinators if support is needed.

“Spend some time thinking about how you can teach remotely - there won't necessarily be as much interaction as you would have face to face so it may require more proactive effort to encourage interaction. I lecture over Zoom, take questions as they arise, and use a Discord server for discussions. AMSI Online students have specifically sought out your subject, so they are highly motivated – often among the best students we get to teach.” **Dr Paul Bryan, Macquarie University**

Enrolment information

- Class lists – You will receive details of all AMSI Online students, including if they are sitting for credit, their Honours or Masters coordinator contact, and any additional information required to grant LMS access (e.g. DOB, address).
- Timely updates – An initial class list will be sent at least 3 weeks prior to your first class, with regular updates until your enrolment close date.
- Student communications – AMSI will confirm enrolments with students and provide them with key details (LMS login instructions, Zoom/Teams link, timetable) before your first class. From then on, you will communicate with AMSI Online students directly, as you do with local students.
- For Credit Students – Students taking your subject for credit are responsible for seeking the required approvals and completing their home university's processes (e.g. enrolling in a shell subject).

Your home university's academic, assessment, accessibility, special consideration and academic integrity policies apply to the subject. Lecturers remain responsible for teaching, assessment, marking and subject-specific student support, while AMSI coordinates applications, enrolment information and communication with students' home universities. AMSI will provide annual submission and reporting deadlines before delivery.

Key Contacts

- **AMSI Program Coordinator** – enrolments and student communications amsi-online@amsi.org.au
- **IT Support (Home University)** – LMS and teaching tools.
- **Academic and subject approval enquiries – RHED Program Manager** monica.duggan@amsi.org.au

Ready to share your expertise with students nationwide through AMSI Online?

Submit your subject proposal via our [online form](#) or contact amsi-online@amsi.org.au for more information.

“AMSI ACE courses are a great way to teach your favourite topic to a wider pool of students than you can get at your home institution. You may even attract PhD students this way.” **Professor Florian Breuer, University of Newcastle**