



New Horizons Research Centre

COURSE STRUCTURE

You will take advanced coursework studies in areas such as:

- Statistics for climate dynamics
- Dynamical meteorology
- General circulation
- Atmospheric modelling
- Atmospheric boundary layers
- Ocean circulation and dynamics

The coursework is complemented by a single research project over two years or two smaller one-year projects, which are especially suitable for those contemplating a career in industry.

For more information:
monash.edu/study/courses/find-a-course/2019/science-s6000

SCHOLARSHIPS

You may be eligible for a scholarship to support you with your studies.

Monash University also provides targeted scholarships for students from disadvantaged groups and Indigenous backgrounds.

For more information:
monash.edu/study/fees-scholarships



Further information

monash.edu/earth-atmosphere-environment

Future Student Enquiries

Australian citizens, permanent residents
and New Zealand citizens
Tel: 1800 MONASH (666 274)
Email: future@monash.edu
monash.edu/study/contact

International students

Australia freecall tel: 1800 181 838
Tel: +61 3 9903 4788 (outside Australia)
Email: study@monash.edu
Wechat: MonashUniAus
Youku: Monash 蒙纳士大学

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MONASH
SCIENCE



MONASH MASTER OF SCIENCE IN ATMOSPHERIC SCIENCE

monash.edu/science

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MASTER OF SCIENCE IN ATMOSPHERIC SCIENCE

The importance of severe weather, global warming and other climate change problems continue to escalate, and with it comes a rising demand for experts in atmospheric science.

Atmospheric science deals with the structure and evolution of the atmosphere, from the day-to-day changes in our weather to human-induced changes in the climate. It answers science questions of societal importance such as: "Will it rain tomorrow and why?", "Why is the country in drought?", and 'Should we expect more severe weather as the climate changes?'.

Severe weather, droughts, climate change, and air pollution are but a few of the many atmospheric phenomena that affect society profoundly. Changes to our atmosphere, whether naturally caused or human induced, have an imprint on almost every sector of society including industry, farming, health, sport, recreation and everyday life. As a result, atmospheric science is a high-impact science affecting the wellbeing of the public as well as influencing the development of public policy through its predictions of future weather and climate.

Our new Master's degree is delivered by the School of Earth, Atmosphere and Environment, a world research leader in Meteorology, Climate, Geography, Environmental Science, and Solid Earth Science.

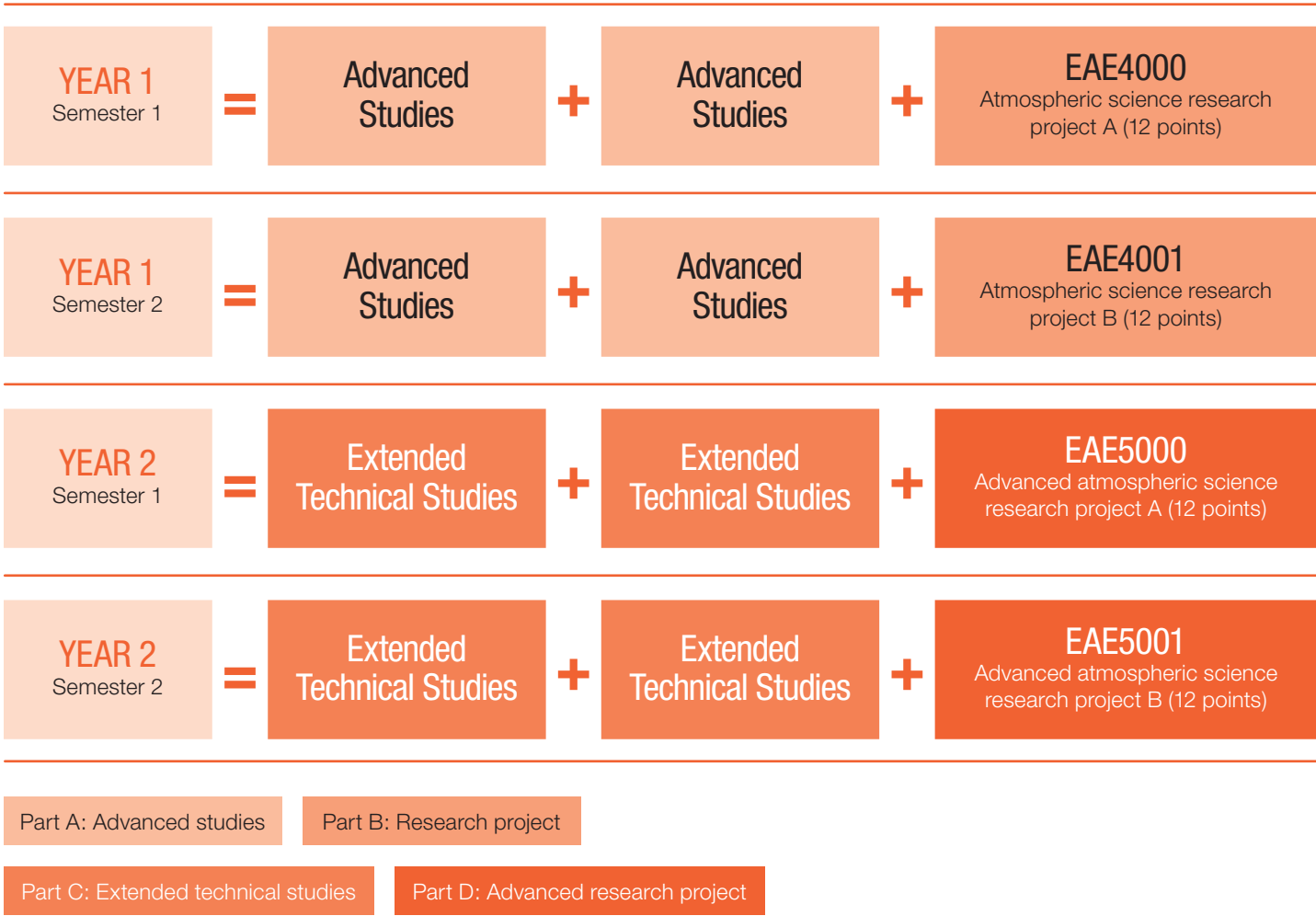
COURSE DESCRIPTION

This two-year program is designed to make you a professional atmospheric scientist. It is aimed at anyone with a passion for weather and climate, and an interest in applying their science skills to better understanding, prediction and management of our environment. You can also use this program as springboard to a PhD.

CAREER OPPORTUNITIES

Atmospheric scientists work in private sector consultancies, government laboratories and agencies, and universities. They forecast the weather, build weather and climate prediction models, make seasonal predictions, manage the environment, and analyse insurance risk among many other things.

COURSE STRUCTURE



ENTRY REQUIREMENTS

