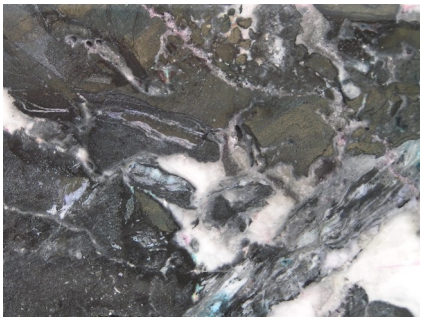
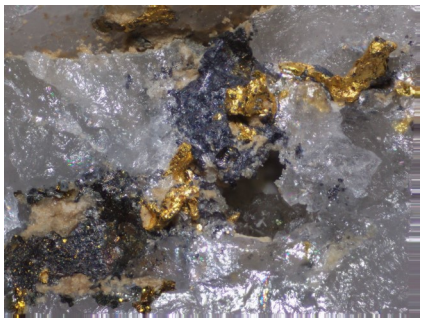
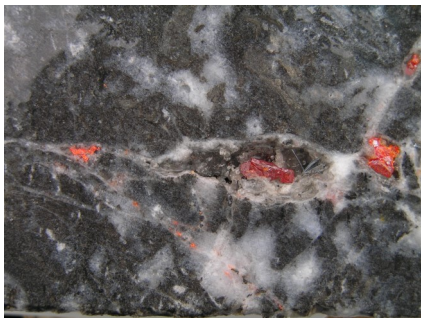






MASTER OF ECONOMIC GEOLOGY SHORT COURSE

via online delivery

Ore Deposit Models and Exploration Strategies

Preparatory material available from 18 May 2020

Interactive sessions from 1 – 12 June 2020 (interactive sessions will be of two to six hours duration, and will be conducted between 9am and 5pm AEST (UTC+10))

CODES

CENTRE FOR ORE DEPOSIT AND EARTH SCIENCES

UNIVERSITY of TASMANIA

AUSTRALIA

CODES, Centre for Ore Deposit and Earth Sciences, University of Tasmania

CRICOS Provider Code 00586B

CODES' Master of Economic Geology short course Ore Deposit Models and Exploration Strategies, presented by a range of CODES and invited experts, provides an up-to-date synopsis of key ore deposit types including porphyry, epithermal, and skarn deposits, IOCG deposits, orogenic and Carlin-type gold deposits, volcanic-hosted massive sulfide and sea-floor hydrothermal deposits, sediment-hosted-Cu deposits and sedex Zn-Pb deposits. Most deposit types receive the equivalent of a full day of lectures and practical exercises, addressing the location, characteristics, genesis and exploration strategies.

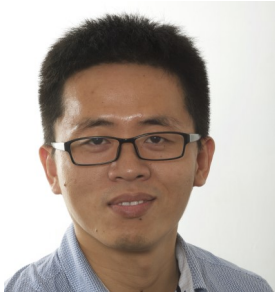
SHORT COURSE PRESENTERS


Prof David Cooke


Assoc Prof Shaun Barker


Dr Rob Scott


Dr Jonathan Cloutier


Dr Lejun Zhang


Prof Noel White


Prof Bruce Gemmell


Dr Angela Escolme


Prof Rick Valenta


Dr Nick Oliver

Ore Deposit Models and Exploration Strategies *is offered as a unit in the national Minerals Geoscience Masters program.*

MASTER OF ECONOMIC GEOLOGY

THE MOST COMPREHENSIVE MASTER DEGREE IN MINERAL EXPLORATION AND MINING GEOLOGY ANYWHERE IN THE WORLD

This course work-based Masters program is aimed at geoscientists who want to gain a thorough up-date on advances across the spectrum of economic geology applied to mineral exploration. The Master of Economic Geology at UTAS is part of the national Minerals Geoscience Masters (MGM) program, jointly offered by the University of Tasmania and the University of Western Australia, in conjunction with Curtin Business School at Curtin University.

Course structure

The Masters course can be completed in either of two ways:

Option 1: requires the completion of six coursework units and a minor research thesis. Four of the units must be completed at CODES, while the remainder may be completed at other participating universities. Duration: 18–24 months full-time; up to 30 months part-time (flexible in recognition of industry participants).

Option 2: requires the completion of eight units of coursework, at least four of which must be undertaken at CODES. Duration: up to 30 months part-time (flexible in recognition of industry participants).

Participating universities offer up to seven units annually or in rotation over a two-year period. Most units are of two weeks duration.

Courses offered by CODES

- KEA707 Ores in Magmatic Arcs (Indonesia): next offered March 2021
- KEA708 Volcanology and Mineralisation in Volcanic Terrains (New Zealand, western Tasmania): next offered March 2022
- KEA709 Ore Deposit Geochemistry, Hydrology and Geochronology: next offered June 2021
- KEA710 Exploration in Brownfield Terrains: next offered 19 – 30 October 2020
- KEA711 Geometallurgy: October 2021
- KEA712 Ore Deposit Models and Exploration Strategies: next offered 1 – 12 June 2020

Fees

UTAS tuition fees for 2020 are $2,381 per unit (8 in total) for domestic students and $8,488 (AUD) per unit for full-fee paying overseas students (FFPOS). Field-based courses have additional costs. Costs will vary for units taught by other MGM partner institutions.

Entry Requirements

A BSc (Hons), or a BSc (majoring in geoscience) with at least two years industry experience. International students should also refer to http://www.international.utas.edu.au. English language proficiency requirements also apply.

For further information contact:

Dr Robert Scott
Masters Coordinator, CODES
Private Bag 79, Hobart 7001, Australia
Tel: +61 3 6226 2786
Email: Robert.Scott@utas.edu.au
CODES.Info@utas.edu.au
Website: http://www.utas.edu.au/codes/masters-short-courses

PROGRAM

Monday June 1	What is an ore deposit model? ***PANEL DISCUSSION:*** *Development and use of ore deposit models in exploration*	David Cooke, Shaun Barker, Rick Valenta (UQ), Cam McCuaig (BHP) ***PANEL:*** *Rick Valenta (UQ), Noel White, David Cooke*
Tuesday June 2	VHMS—ancient and modern ***PANEL DISCUSSION:*** *VHMS ore deposit models and exploration success*	Jonathan Cloutier, Bruce Gemmell ***PANEL:*** *Bruce Gemmell, Andrew McNeill (MRT), Margy Hawke (TBC)*
Wednesday June 3	Porphyry deposits ***PANEL DISCUSSION:*** *Porphyry deposit exploration models*	David Cooke, Noel White ***PANEL:*** *Noel White, David Cooke, Steve Garwin (TBC)*
Thursday June 4	Skarn and epithermal deposits ***PANEL DISCUSSION:*** *Exploring for epithermal deposits*	Lejun Zhang, Noel White, David Cooke ***PANEL:*** *Noel White, Lejun Zhang, David Cooke*
Friday June 5	Geochemistry in ore deposit models ***PANEL DISCUSSION:*** *Application of geochemical data to ore deposit models—confirmation or controversy?*	Shaun Barker, Rob Scott ***PANEL:*** *Scott Halley (Mineral Mapping)*
Saturday June 6	Virtual fieldtrip (half day)	David Cooke, Evan Orovan, Michael Roach
Sunday June 7	Break	
Monday June 8	Breccias in hydrothermal environments	David Cooke, Nick Oliver (HCOV)
Tuesday June 9	Orogenic gold	Rob Scott
Wednesday June 10	Sed-hosted copper, metamorphic copper IOCG ***PANEL DISCUSSION:*** *IOCG exploration models*	Jonathan Cloutier, Shaun Barker, Angela Escolme ***PANEL:*** *Nick Oliver (HCOV), Alex Brown (Glencore), David Giles (UniSA)*
Thursday June 11	Pb-Zn sedex deposits and Carlin-type deposits ***PANEL DISCUSSION:*** *Sedimentary Cu exploration models*	Rob Scott, David Cooke, Shaun Barker ***PANEL:*** *David Selley (Base Instinct Consultancy), Tim Ireland (First Quantum), David Wood (Anglo American)*
Friday June 12	Student presentations ***PANEL DISCUSSION:*** *Gold*	Students ***PANEL:*** *TBC*

REGISTRATION FORM

Ore Deposit Models and Exploration Strategies

1–12 June, 2020

Please complete and return to:

Ms Karen Huizing
CODES
University of Tasmania, Private Bag 79
Hobart, Tasmania, Australia 7001
Ph: +61 3 6226 2472
Email: CODES.Info@utas.edu.au

PERSONAL DETAILS

Title—Please highlight (Prof / Dr / Mr / Mrs / Ms / Miss)

First Name: ..... Last Name: (surname / family name): .....

Preferred Name: .....

Position: .....

Company / University / Affiliation:.....

Address: .....

City: ..... State: ..... Postcode: ..... Country: .....

Email: ..... Phone (mobile / cell): .....

REGISTRATION FEES

All fees are in Australian dollars (AUD) and include GST. Please indicate ☑

Minerals Geoscience Masters Program (MGM) Students:
(Excludes UTAS tuition fee)
☐ Full course (free)

Industry Participants:
☐ Full course ($1,980)
☐ __ days at $330/day (maximum charge 6 days)

CODES Industry Partners:
☐ Full course (free)

CODES Staff/Students:
☐ Short course classes (free, indicate days below)

Other Students:
☐ Full course ($330)

PLEASE NOTE: Participants *NOT* attending entire course, please circle selected days

Week 1: 1 2 3 4 5 6 June

Week 2: 8 9 10 11 12 June

PAYMENT

Registrations are due by 24th of May, 2020. Full payment must be received by 29th of May, 2020.

Preferred payment method. Please indicate ☑

☐ Credit Card
Upon receipt of your registration form you will be provided with a payment reference number and web address for online payments. Please note: Credit card details *cannot* be accepted by email.

☐ Cheque or Bank Draft
Please make cheques and bank drafts payable to "The University of Tasmania". Bank drafts must be made out in Australian currency (AUD).

☐ Invoice
Name, address and email address for person responsible for payment of invoice: .....
.....
.....

Please retain a copy of this form for your records and email to Ms Karen Huizing (contact details above).