

Certification in Obstetrical and Gynaecological Ultrasound (COGU)

Approved Training Courses

Trainees are required to submit details of proposed courses prior to commencement on the official Prospective Approval of COGU Courses form available from the RANZCOG website found here:

[COGU Training Documents and Resources](#)

Below is a *guideline* of courses that may be prospectively approved and accredited as part of the COGU training program. Trainees who wish to attend a course or undertake an activity that is not covered by the guidelines outlined below are encouraged to submit details of the course or activity for consideration by the COGU Subspecialty Committee.

ULTRASOUND LECTURE COURSE

The Ultrasound Lecture Course must be completed in the first year of training.

Trainees will be expected to provide evidence of having attended an approved lecture course in general ultrasound.

An acceptable course will cover:

- basic physics of ultrasound
- transducers
- Doppler
- bioeffects and safety
- artefacts
- contrast agents
- harmonics

An acceptable course will involve instruction for at least a 2-day course (or equivalent)

Workshop/Seminar such as:

1. ASUM Physical Principles of Ultrasound Seminar run once / year in Sydney for 2 days x 9hrs
Website: asum.com.au
2. Australian School of Medical Imaging (ASMI) run multiple times / year in Sydney for 5 days x 6.5hrs
Website: [\(ASMI\) | HealthcareLink](#)

Online, self-paced course such as:

1. ASUM Physical Principles of Ultrasound Seminar- Livestream (2 days x 9hrs)
Website: asum.com.au
2. ASUM online physics course
Website: asum.com.au
 - Must be an ASUM member to access and enrol in a course e.g. DDU
 - Excluded sonophysics e-learning course UP 101 which is directed at CCPU candidates

NB: Trainees who have completed an approved course within two years of entering COGU training may apply for an exemption

HUMAN GENETICS COURSE

Trainees will be expected to provide evidence of having attended an approved lecture course, or equivalent, in human genetics. An acceptable course will cover:

- genetic counselling
- screening for genetic diseases
- human cytogenetics
- strategies for identifying genes which cause human disease
- molecular basis for human disease
- gene mapping; polymorphisms
- selection and its consequences
- gene-environment interactions
- ethics in genetic practice

An acceptable course will involve instruction for at least 3 hours per week for 1 semester (or equivalent) or an approved focused weekend course.

Online, self-paced course such as:

Future Learn Course (3 parts)

1. The Genomics Era, the Future of Genetics in Medicine, St George's, University of London
Online course (5 weeks x 2hrs)
Website: [Future of Genetics in Medicine - Online Course](#)
 2. Genomic Technologies in Clinical Diagnostics: Molecular Techniques, St George's, University of London
Online course (3 weeks x 5hrs) - Extension of Intro course
Website: [Genomic Technologies in Clinical Diagnostics: Next Gene](#)
 3. Genomic Technologies in Clinical Diagnostics: Next Generation Sequencing, St George's, University of London
Online course (2 weeks x 5hrs) Extension of previous courses
Website: [Genomic Technologies in Clinical Diagnostics: Next Gene](#)
- Intro to Human Genetics & Genomics (GENE90023) held at The University of Melbourne (Online subject)
Website: [Intro to Human Genetics & Genomics \(GENE90023\)](#)
 - Human Genetics Theory held at Macquarie University (Sydney) Online subject, two contact sessions for 1 semester (20 weeks x 5hrs)
Website: [Human Genetics Theory - BIOL345 - 2017 Course Handbook](#)

Workshops/Seminars run as part of Annual Scientific Meetings, International Conferences or via Medical Colleges/Teaching Hospitals.

A suggested course is:

- Genetics for Trainees
Genetics for Trainees is a targeted genetics course based on the RACP curriculum and past exam topics. Designed to demystify genetics and prepare for the FRACP written exam however useful for other Medical College trainees. Programs are held at Royal Children's Hospital, Melbourne.

Adult Medicine: One Day Program

Paediatrics: Two Day Program.

COGU trainees should attend the two-day program.

Day 1 Adult Medicine & Paediatric Program (Genetics Basics, Gene Disorders & Variation, Genetic Tests, Inheritance Patterns, Neurogenetics & Important Syndromes, Cancer Genetics & Familial Cancer Syndromes and Adult Trainees Practice Exam)

Day 2 Paediatric Program only (includes Syndromes, Dysmorphology and Paediatric Practice Exams)

Website: [Genetics For Trainees - Genetics For Trainees FRACP exam preparation course](#)

On campus coursework.

A suggested course is:

- Master of Genomics and Health (MC-GENOHLT) Graduate Coursework, 2 years full-time / 4-year part-time
Website: <https://handbook.unimelb.edu.au/2018/courses/mc-genohlt>

NB: The Medical Genetics CD, Melbourne University/Murdoch Institute – available from SSEP Books, Carlton will no longer be acceptable as an approved human genetics course beyond 2017 as it has not been recently updated, though trainees may still find this a valuable resource.

BIostatISTICS COURSE

Trainees are expected to provide evidence of having undertaken and successfully completed an approved University based examinable course in Biostatistics.

An acceptable course will involve instruction of a minimum 20 hours. Such as:

- Introduction to Biostatistics, Murdoch Children's Research Institute (5 half days)
Website [Introduction to Biostatistics - Murdoch Children's Research Institute \(mcri.edu.au\)](http://mcri.edu.au)
- Biostatistics for Clinical & Public Health Researchers, Monash University School of Public Health & Preventative Medicine (4 full days)
Website: [Monash University - Sign In \(okta.com\)](http://monash.edu/sign-in/okta.com)
- Statistics for Research Workers, University of Melbourne School of Mathematics and Statistics (6 full days)
Website: <http://www.scc.ms.unimelb.edu.au/courses.html>
- Intro to R & Intro to Statistics for Researchers, Stats Central, University of NSW (3 full days, Sydney)
Website: [Stats Central - For UNSW Staff | UNSW Mark Wainwright Analytical Centre](#)
- Masters of Public Health (many Universities)
- Statistics / Epidemiology (many Universities, one semester)

NUCHAL TRANSLUCENCY COURSE

Trainees are expected to obtain Nuchal Translucency certification through completion of an approved course. A self-paced learning, online course such as:

- The Nuchal Translucency Online Learning Program (NTOLP) (or equivalent) –
Website: <https://elearning.nuchaltrans.edu.au>

NOTE: In addition, trainees are encouraged to attend two educational courses / conferences relevant to O&G Ultrasound per year. This is not compulsory, but desirable