

Genomics and Precision Medicine Short Course

Empowering you to shape the future of precision medicine



- **The University of Sydney Genomics and Precision Medicine New Short Course:**

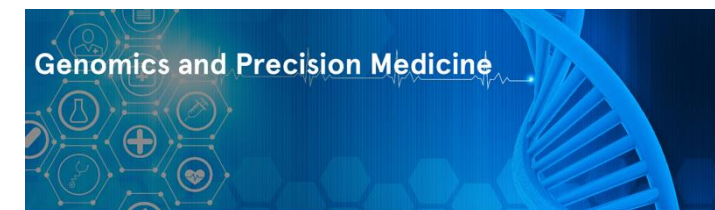
- Updated genomics material and expanded interactive content
- Short format (8 weeks), 60 hours and fully online
- Note: it is actually two courses,
 - A 2 week module 'Genomics Essentials' – covering the Basics
 - A 6 week 'Genomics and Precision Medicine' course – CASE based

- Run in the second half of the year (**starting 10 august to 28 september**)

- **We have run the first iteration in 2025 with very good feedback!**

- **Pre-approved by the RACP for genetics training from 2025 onwards**

- **Please note: this is actually a mainstreaming course so also very suitable for your non-genetics colleagues wanting to rapidly upskill!**



Unlock the power of genomic testing with our **Genomics and Precision Medicine** course, specially designed for genetic fellows and healthcare professionals. This comprehensive program explores the vital role of genomics in paediatric, obstetric, adult, and cancer medicine.

You'll learn the importance of informed consent and effective counselling, empowering you to guide patients through the complexities of genetic testing. Our expert instructors will equip you with the knowledge and skills to interpret genomic results and understand their implications for patient care.

Delve into innovative genetic risk calculation methods, including linkage and statistical approaches, to accurately assess hereditary conditions. Gain insights into developmental and population genetics and discover their clinical applications that can transform patient outcomes.

The course also covers cytogenetics and molecular genetics, emphasizing their integration into clinical practice. By enrolling, you will enhance your ability to manage patients with genetic diagnoses and contribute to improved healthcare solutions.

Attention RACP Approved Genetics Trainees:
We are pleased to offer both the *Genomics and Precision Medicine* and *Genomics Essentials* courses for a special price of \$1,695 when purchased together. To qualify, you'll need to provide proof of your genetics trainee status.

Please click the "Genetics Trainees" button to enrol.

Enrol today and take the next step in advancing your career and improving patient care as a future leader in genetics!

Online event
Monday, 13 October 2025 to
Friday, 21 November 2025

40-80 CPD Hour/s

Delivered Online

RACP Genetics Trainees (both courses)

[Login or create an account to enrol](#)

Have a question?
 Enquire about this Course Event FAQs

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Updated Learning Objectives for 2026 Course:

- **Evaluate the Role of Genomic Testing:** Assess the importance of consent and counseling in paediatric, obstetric, adult, and cancer genetic medicine.
- **Understand Genetic Segregation:** Explore linkage and statistical approaches to genetic risk calculation.
- **Study Developmental and Population Genetics:** Examine their clinical applications and implications.
- **Interpret Genomic Results:** Manage patients with genetic diagnoses across various medical subspecialties including precision medicine and gene therapies
- **Evaluate Cytogenetics and Molecular Genetics:** Assess their roles in clinical practice for improved patient outcomes.

**Clinical Genetics
Fellows: \$1,695**



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- RACP Genetics Trainees (both courses) •\$1,695
- Non-Trainees (both courses) •\$2,496
- Non - Trainees (Genomics and Precision Medicine) •\$2,000

If you have any questions or queries, please contact Alan Ma: Alan.ma@Sydney.edu.au
<https://health-exec-ed.sydney.edu.au/web/content/continuing-education/registration/sheed-event.aspx?EventKey=CSSHEE2531>



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