

BC Training update

DRAC Training Summit 2026

Regional Representatives

Marie-Hélène Burle: Research Solutions Specialist, SFU

Rachel Chuang: Research Engagement Strategist, UBC

Ryan Enge: Director of Research Computing Services, UVic

Sarah Huber: ARC Support Analyst, UVic

Tannistha Nandi: HPC Systems Analyst, UBC

Research Computing Group training team

SFU

2 people

	Sessions	Learner hours
Webinars	13	344
Courses	39	1338
National series (visualization)	8	164
Summer School (SFU)	9	531
Workshops (SFU)	3	158
DHSI (UdeM)	8	463
M2PI (PIMS)	2	204
IHPCSS (Perth, Australia)	1	120

83

Sessions

182

Hours

3,322

Learner Hours

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New Topics

New tools learnt, content developed and delivered, including topics on:

→ **GPUs**

Introduction to GPUs

Using GPUs on our clusters, intro to CUDA, concepts of GPU programming

GPU Python

CuPy – Accelerated array computing

Numba – JIT-compilation to CUDA kernels

polars-cudf – GPU-driven DataFrames

GPU Chapel

Parallel programming using GPUs

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86

New materials added

UBC Advanced Research Computing Training Program

Building digital research infrastructure skills through layered training offerings

Training Pathways

Researcher Onboarding

- Info session for prospective users
- Monthly onboarding session for new users

Skill Development

- Foundational and advanced workshops
- Live and on-demand learning

Special Programs & Events

- Annual Summer School
- Customized workshops and expert-led training opportunities

2026 Training Stats (to date)

47

Sessions

38

Hours

1,234

Attendees

1,453

Learner Hours

UBC ARC Summer School: Our Annual Flagship Training Program

Purpose

- Week-long learning experience for researchers
- Bring together ARC staff, researchers, and industry experts

Program Design

- 9 sessions delivered over one week (all virtual in 2026)
- Mix of foundational, intermediate and advanced topics
- Featuring internal, external and industry instructors

Featured Topics

- HPC and Alliance services
- Deep learning and parallel computing
- Research security and cybersecurity
- Emerging technologies, including quantum enabled computing environment and physical AI
- Researcher spotlight featuring two UBC researchers conducting AI-related research

UBC ARC Summer School Stats

9

Sessions

14

Hours

335

Attendees

487

Learner Hours

University of Victoria

- Standardizing introductory workshops
- Collaborations: Data drop ins, CO summer school, IHPCSS
- Research information security training
- Carpentries training

- Pushed to branch `main` at `uvic-rcs / training material`
`f58b643e` · add intro to shell workshop material
- Pushed to branch `main` at `uvic-rcs / training material`
`41b49cc6` · Add intro to HPC workshop material
- Pushed new branch `main` at `uvic-rcs / training material`
- Created project `uvic-rcs / training material`

