

The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta Region 3.

UNIVERSITY OF CALGARY	Agenda
9:30 – 10.15	Welcome, Graduate Students Expectations, Important Information ESE Graduate Program Director (GPD): Dr. Colin Dalton
10.15 – 10:30	Social Break
10:30 – 10:45	Awards and Scholarships Applications ESE Graduate Studies Scholarship Committee Chair
10:45 – 11:00	Introduction to the Graduate Students' Association (GSA) GSA VP Student Life
11:00 – 11:10	ESE Graduate Students' Association ESEG President
11:10 - 11:20	Questions (Q&A)

Dr. Colin Dalton

Associate Head of Graduate Studies

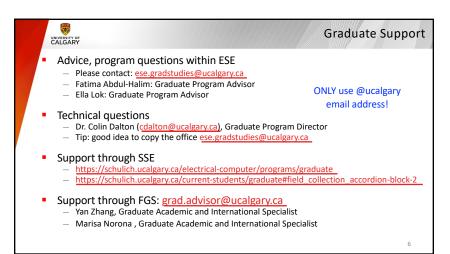
Calton@ucalgary.ca; Office: ICT 440; Phone: (403)-210-8464

Responsibilities

Leader, and advocate for graduate education in our dept/faculty
Responsible for budget (internal scholarships/awards, TA funding)
Member of FGS council (central decisions on the graduate program)
Manage and provide advice/direction for student concerns

Research
Brain machine interfaces, micro-nano fabrication, electrokinetic microfluidics
Microneedles for transdermal drug delivery and biosensing
Currently supervising/co-supervising 3 PhD students, 4 MSc, 2 Techs and 1 RA





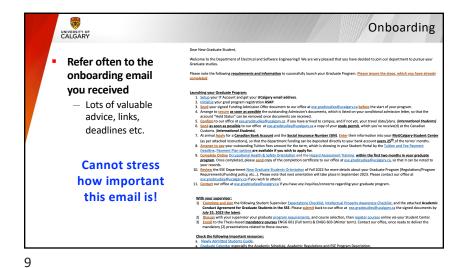


If you feel you want some advice/help outside of the ESE department, please contact: grad.advisor@ucalgary.ca
Dr. Yan Zhang or Marisa Norona
— Graduate Academic and International Specialists

Student Concerns:
Supervisor conflict, funding problems, failed candidacy/exam, intellectual property, academic misconduct, leaves of absence, extension requests, barriers to progress etc.

Check the FGS Website: https://grad.ucalgary.ca/

Marisia Norona



You are expected to behave as a Professional Engineer

 Be pro-active, contribute to your department, University, and society
 Solve complex problems, and stand behind your work

 Engineers require a combination of skills

 Theoretical work, experimental work, computational work, course work, etc.
 Don't forget communication and other 'soft' skills

 Each student is different

 Funding, publication record, work schedule, etc.

 Challenging but rewarding

 Strive to become excellent at public speaking, writing, overcoming your weaknesses, refining your strengths.



Expectations for ESE Students

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- Behave and represent the university and the department professionally
- Full time work
 - $-\,\,$ You are expected to work ~40 hours or more per week on your research project
 - Graduate students do not get the University reading breaks/summer terms off.
 - If you need time off please talk to your supervisor
- Present and discuss your work
 - Paper publications, presentations, your parents, your cat etc.
- Earn the support you are receiving
 - Supervisors work hard to get the grants that support your work
 - Continued financial support is dependent upon your satisfactory performance in both research and course work
 - All MSc & PhD students are expected to complete the annual progress report in May
- Be the best
 - Try and become the best in your field!

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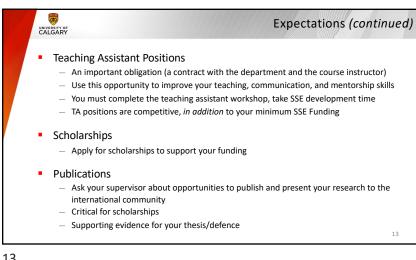
Expectations (continued)

- Meet with your Supervisor!
- Complete the FGS Checklist of Expectations form
 - Complete the FGS Intellectual Property Awareness form
 - Complete the Academic Conduct Agreement for Graduate Students in the SSE
 - Review the Department Graduate Student Research Professional Development Guide
 - FGS forms available at:
 - https://grad.ucalgary.ca/sites/default/files/teams/3/Student_SV_Checklist_Revised_June%20 2023.pdf
 - https://grad.ucalgary.ca/sites/default/files/teams/3/su ip checklist June%202022.pdf
 - Submit forms to <u>ese.gradstudies@ucalgary.ca</u>

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Absences

Discuss with your supervisor and course instructor before going to a conference or vacation. Easier to plan in the summer semester.

Internships

Encouraged but optional – internship currently is NOT an MSc or PhD degree requirement

Working on/off campus

There are opportunities

Obtain your Supervisor's approval

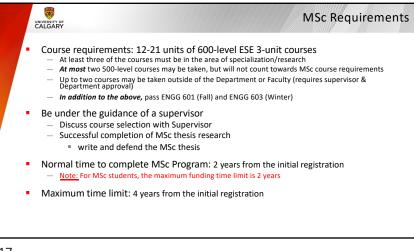
Check with International Student Services (ISS)

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UNIVERSITY OF CALGARY	Safety
 Complete 2 online safety courses Occupational Health and Safety orientation Hazard Assessment training Other courses are required if you are working in a laboratory, talk to your super 	rvisor
To take the courses, do the following:	
 Go to https://my.ucalgary.ca and sign in 	
 From the top bar click My work 	
 Under Direct access click PS Enterprise Learning Click My Learning 	
 Find the course and click on the detail page 	
 If the presentation does not start, check to see if it is being blocked belowser as a pop-up 	oy your
 Send a copy of Completion Certificate to ese.gradstudies@ucalgary.ca 	

Milestone	Fall2023	Winter 2024	
Last Date to drop courses without financial penalt	y Sept 14 2023	Jan 18 2024	
Last date to add or swap courses	Sept 15 2023	Jan 19 2024	
Last date to withdraw from a course	Dec 6 2023	April 9 2024	
Tuition Fee/payment deadline	Sept 22 2023	Jan 26 2024	
Implications of course withdrawal date: Withdraw on or before Sep. 14 (Winter Jan 18) - No record of course on transcript and tuition is refunded Withdraw any time between Sep. 15 - Dec. 6 (Winter Jan - "W" is recorded on transcript and tuition forfeited		CHECK boarding email demic schedule	

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Typical MSc Path CALGARY Year 1: Fall Normal time to complete MSc Program: ENGG 601, Courses 2 years from the initial registration Year 1: Winter Maximum time limit: ENGG 603, Courses 4 years from the initial registration Year 1: Spring, Summer Research Year 2: Fall, Winter For MSc students, the maximum funding Year 2: Spring, Summer time limit is 2 years Research, Thesis Defense

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PhD Requirements

Courses: Two to five 600-level Courses beyond Master's degree

Six to nine 600-level courses beyond Bachelor's degree

At most one 500-level course may be taken but will not count towards PhD course requirements

No more than one course may be taken outside of the Department or Faculty (requires supervisor & Department approval)

In addition to the above, pass ENGG 601 and ENGG 603

ENGG 601/603 waived for students who obtained their MSc from the Dept.

Be under the guidance of a supervisor

Discuss course selection with supervisor

Successful completion of PhD Candidacy (FOS and proposal) and thesis research

write and defend the PhD thesis

Must have a Supervisory Committee in place within 3 months of initial registration

PhD Requirements (Continued)

Candidacy Requirements

PhD Coursework

Written thesis proposal

Combined Field of Study and thesis proposal Oral examination

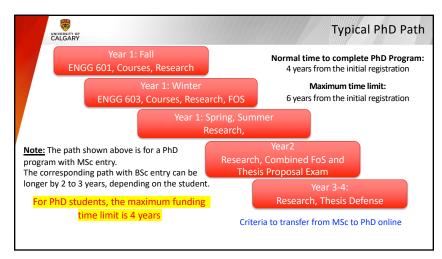
NOTE: Please read the Candidacy policy, available online
Graduate Calendar sections K.1 and K.3

Complete all Candidacy requirements within 24 months of first registration

Successful completion of thesis research and oral thesis defense

Normal Program Completion Time: 4 years from the initial registration

Maximum Time Limit: 6 years from the initial registration



Courses

Courses with a C+ (or lower) grade will NOT count towards the course requirements

MSc students receiving a C+ (or lower) grade in any course are required to withdraw (RTW) from the Graduate program, regardless of overall GPA

For PhD students, it is a B (or lower) grade

MSc students must maintain a GPA of at least 3.0 to remain in program

For PhD students, it is a GPA of at least 3.3

KNOW your course deliverables and grading scheme!

Pay attention to the course outline

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Academic Misconduct

Academic misconduct is plagiarism or misrepresentation of data in:

Course work, Presentations, Thesis proposal, Publications, Thesis

Academic Integrity: act ethically, honestly and with integrity

Submitted academic work are yours and were determined by you alone

Submitted academic work are in your own words, even when sharing notes with other students or using the Instructor lecture notes

Do NOT submit in verbatim materials pulled from the Internet!

Consequences of Academic Misconduct

Failing Grade, Probation, Suspension

Expulsion from the Faculty

Expulsion from the University

Be familiar with FGS academic misconduct regulations

https://grad.ucalgary.ca/current-students/thesis-based-students/thesis/academic-integrity

FGS Graduate Orientation

Graduate Orientation (GradO) provided by FGS

Ask FGS is you missed it

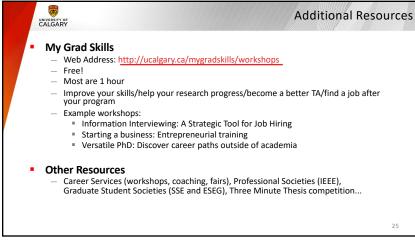
D2L Courses

Graduate Student Orientation (GradO)

Academic Integrity Orientation

If you have any questions, please email GradO@ucalgary.ca

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Transformative Talent Internship

Eligibility

At least one year into program
Internship duration: between 6 and 52 weeks
Approval by Supervisor and Department
International students can participate in an internship, however must adhere to the rules & regulations stipulated in their study permit

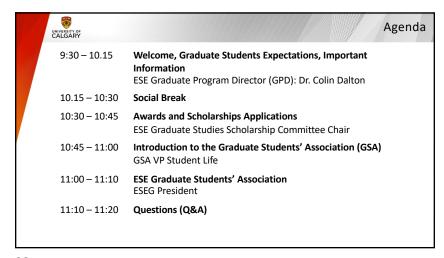
Funding support from FGS (scholarship)

For more information visit:
https://www.ucalgary.ca/mygradskills/internships

Encouraged but optional
internship currently is NOT an MSc or PhD degree requirement

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Thank you for your Attention
Questions?



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If you work in...

A university

A start-up

Venture Capital, Government Grants

A company

Approval for time and money

Good for your professional development and career

Demonstrate ability to clearly formulate and present ideas

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Different purposes

 Tuition and stipend
 Travel awards

 Several opportunities—federal, provincial, from the University and from the department
 Know your funding agencies mandates and requirements NSERC, CIHR, SSHRC, Al....
 Details and a database search located at https://grad.ucalgary.ca/awards

Make sure you are eligible for the award:

- Immigration status

- Program of study (MSc,PhD)

- Research area

- Year of study

Be aware of all the requirements

- Formatting and page lengths

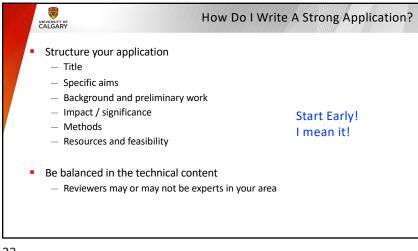
- Documents to include

Recommendation letters (ask early!)

Research proposal

CV, transcripts etc.

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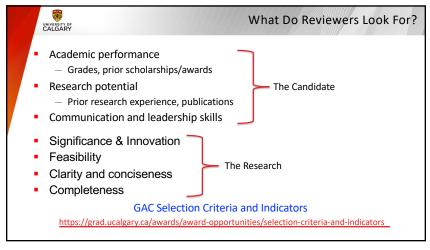


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How Do I Write A Strong Application?

- Read and re-read your application for languages and content
- Get feedback
 - Colleagues and supervisors
 - People not in your specific area of research
- If need be get help from a native English speaker https://www.ucalgary.ca/student-services/student-success/writing-support
- Attend scholarship workshops https://grad.ucalgary.ca/my-gradskills/workshops-and-resources
- Keep track of updated notifications sent out by email

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Role of the Department

- Department is assigned quota for some awards
- Graduate Scholarship Committee does an internal review and top applications are forwarded
- Keep track of emails from Dept regarding important notifications

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