

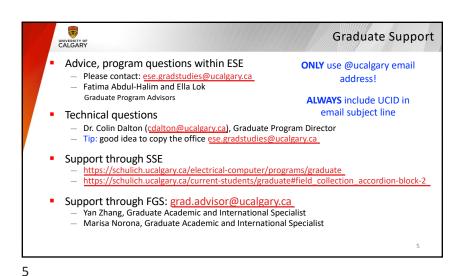
The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta (Districts 5 and 6).

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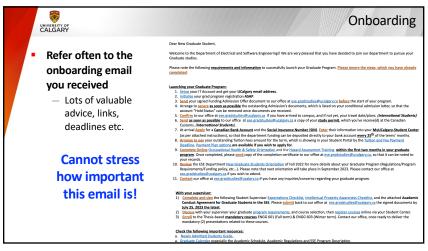
If you feel you want some advice/help outside of the ESE department, please contact: grad.advisor@ucalgary.ca
Dr. Yan Zhang or Marisa Norona
Graduate Academic and International Specialists

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



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Graduate Studies is a Full Time Activity

- You are expected to behave as a Professional Engineer (P.Eng, APEGA)
 - 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.
 - And have fun doing it!

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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>
 - <u>Do not</u> send forms direct to me!
 - The office checks details before sending them to me for signing, if needed

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Expectations for ESE Students

- Behave and represent the university and the department professionally
- Full time work
 - You are expected to work ~40 hours per week (research project, classes, TA etc.)
 - 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 financially 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
- Re the hes
 - Try and become the best in your field!

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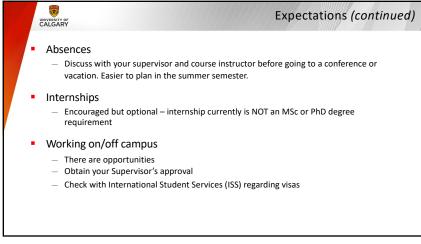
Expectations (continued)

- Teaching Assistant Positions
 - An important obligation (a legal contract with the department and course instructor)
 - Use this opportunity to improve your teaching, communication, and mentorship skills
 - You must complete the teaching assistant workshop, take SSE development training
 - TA positions are competitive and not guaranteed, they are in addition to your minimum SSE Funding
- Scholarships
 - Apply for scholarships to support your funding (more later)
- Publications
 - Ask your supervisor about opportunities to publish and present your research to the international community
 - Critical for scholarships, supporting evidence for your thesis and defence

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■ Complete 2 online safety courses

Occupational Health and Safety orientation
Hazard Assessment training
Other courses are required if:

Doing a TA (harassment, privacy, cyber security etc.)

You are working in a laboratory (talk to your supervisor about specifics)

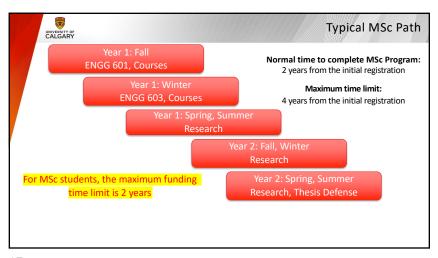
To take the courses, do the following:
Go to https://my.ucalgary.ca and sign in
From the top bar click My work
Under Direct access click PS Enterprise Learning Click My Learning
Find the course and click on the detail page
If the presentation does not start, check to see if it is being blocked by your browser as a pop-up

Send a copy of Completion Certificate to ese.gradstudies@ucalgary.ca

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Important Dat		
Milestone	Fall2024	Winter 2025
Last Date to drop courses without financial penalty	Sept 12 2024	Jan 23 2025
Last date to add or swap courses	Sept 13 2024	Jan 24 2025
Last date to withdraw from a course	Dec 6 2024	April 11 2025
Tuition Fee/payment deadline	Sept 20 2024	Jan 31 2025
Implications of course withdrawal date: Withdraw on or before Sep. 12 (Winter Jan 23) - No record of course on transcript and tuition is refunded Withdraw any time between Sep. 13 - Dec. 6 (Winter Jan 2: - "W" is recorded on transcript and tuition forfeited These are HARD deadlines! https://calendar.ucalgary.ca/acadsched#fall-2024-winter-20	4 - Apr 11) Acad	CHECK loarding email lemic schedule

MSc Requirements CALGARY Course requirements: 12-21 units of 600-level ESE 3-unit courses At least three of the courses must be in the area of specialization/research At most two 500-level courses may be taken, but will not count towards MSc course requirements Up to two courses may be taken outside of the Department or Faculty (requires supervisor & Department approval) In addition to the above, pass ENGG 601 (Fall) and ENGG 603 (Winter) Complete 2 research seminars Be under the guidance of a supervisor Discuss course selection with Supervisor Successful completion of MSc thesis research write and defend the MSc thesis Normal time to complete MSc Program: 2 years from the initial registration Note: For MSc students, the maximum funding time limit is 2 years Maximum time limit: 4 years from the initial registration



PhD Requirements UNIVERSITY OF 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 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 Complete 2 research seminars 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 need to have a Mandatory Supervisory Committee meeting once a year

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PhD Requirements (Continued)

Candidacy Requirements

Complete courses and Written thesis proposal

Combined Field of Study and thesis proposal oral examination

NOTE: Please read the ESE Candidacy policy and Graduate Calendar sections G.K.1 and G.K.3

https://calendar.ucalgary.ca/uofcregs/graduate-regulations/grad-regulations
https://schulich.ucalgary.ca/electrical-software/programs/graduate/program-resources

Complete all Candidacy requirements within 24 months of first registration

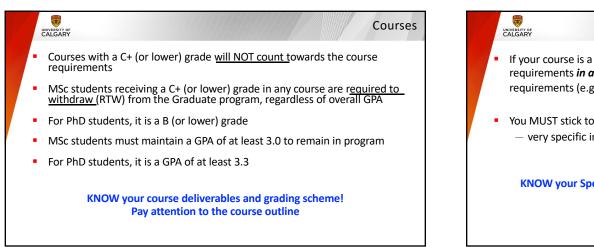
Successful completion of thesis research and oral thesis defense

Normal Program Completion Time: 4 years from the initial registration

Maximum Time Limit: 6 years from the initial registration

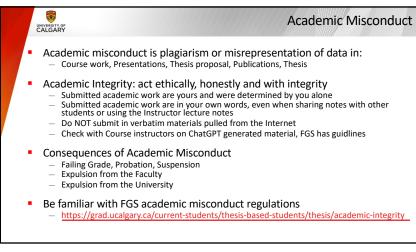
Typical PhD Path CALGARY Year 1: Fall Normal time to complete PhD Program: ENGG 601, Courses, Research 4 years from the initial registration Year 1: Winter Maximum time limit: ENGG 603, Courses, Research, FOS 6 years from the initial registration Year 1: Spring, Summer Research, Note: The path shown above is for a PhD Research, Combined FoS and program with MSc entry. Thesis Proposal Exam The corresponding path with BSc entry can be longer by 2 to 3 years, depending on the student. Year 3-4: Research, Thesis Defense For PhD students, the maximum funding time limit is 4 years Criteria to transfer from MSc to PhD online https://schulich.ucalgarv.ca/electrical-

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FGS Graduate Orientation

Graduate Orientation (GradO) provided by FGS

Ask FGS is you missed it, should be this afternoon

D2L Courses

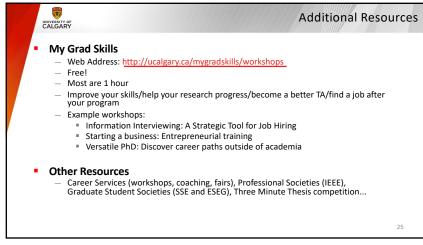
Graduate Student Orientation (GradO)

Academic Integrity Orientation

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

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Transformative Talent Internship

Eligibility

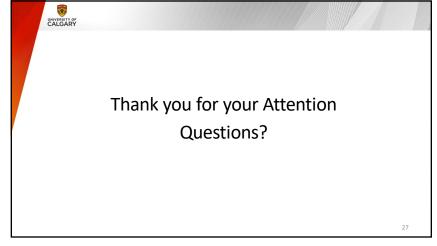
At least one year into program
Internship duration: between 6 and 52 weeks
Approval by Supervisor and Department
International students can participate in an internship, however must adhere to the rules & regulations stipulated in their study permit

Funding support from FGS (scholarship)

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

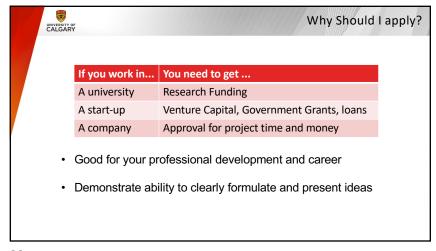
Encouraged but optional
internship currently is NOT an MSc or PhD degree requirement

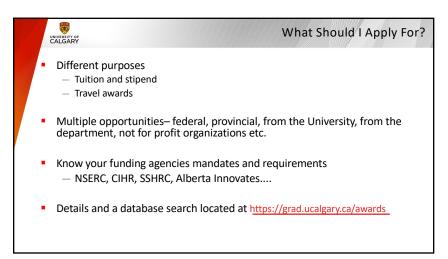
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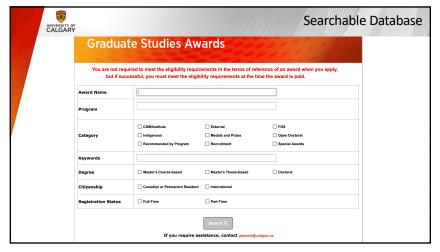


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How Do I Write A Strong Application?

Make sure you are eligible for the award:

Immigration status

Program of study (MSc, PhD)

Research area

Year of study

Start Early!

Be aware of all the requirements

Formatting and page lengths

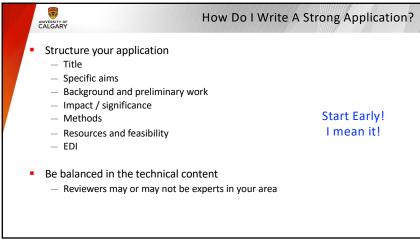
Documents to include

Recommendation letters (ask early!)

Research proposal

CV, transcripts etc.

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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 a 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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