

VISION 2015: Building on Excellence

WATERLOO
ENGINEERING

engineering.uwaterloo.ca

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Presentation to EFC

January 18, 2011

overview

- why plan?
- plan framework
- aspiration
- key priorities
- consultation

why plan?

Academic planning allows us to plan for our future in a more systematic way and to measure our accomplishments in an objective manner.

Planning helps the faculty leadership make strategic, well-informed decisions for its future and provides a strong base from which to face new challenges and to capitalize on new opportunities.

Vision 2010 Highlights (2005-2010)

- + 24% professors
- + 31% staff
- + 54% graduate enrolment
- 4% undergraduate student-to-faculty ratio
- + 82% research funding
- + 56% space holdings (including construction)
- + 2 programs at the UW-UAE campus

plan framework

The planning process should afford the faculty an opportunity to examine all facets of its operation in an open and objective manner.

While the plans resulting will guide the faculty in its quest to achieve its aspirations, the process should energize us and give us all hope for an even brighter future.

how long to
plan for? → 4 years
2011-2015

how many
plans? → 1 overall faculty plan
1 plan per academic unit

who will
participate? → Engineering Planning Committee
with broad consultation
(students, faculty and staff)

planning stages

1. Self study [Nov/10-Feb/11]
2. Draft plan [Feb-May/11]
3. External assessors [July-Aug/11 for units]
[Oct/11 for the faculty]
4. Final plan [Nov-Dec/11]
5. Implementation & annual review

aspiration

Waterloo Engineering aspires to be a **truly world-class school of engineering.**

The programs we offer, the students we graduate, and the solutions we develop will be sought after by outstanding students, employers, employees and partners.

Waterloo Engineering will be:

- the top choice of outstanding high school students from Canada and abroad who are seeking a challenging academic program of the highest quality, fully integrated with real-world experience
- in demand by excellent students, both domestic and international, seeking high-calibre graduate education and by working engineers seeking professional upgrading opportunities

- the destination of choice among Canadian and global employers seeking co-op students or graduates at all levels for full-time employment
- sought after by outstanding engineering faculty looking for a rewarding career that supports teaching and research excellence
- the top choice of industry, government and community partners seeking to connect with outstanding researchers, students, entrepreneurs and innovators to solve local, national and global challenges

key priorities

- Attracting, engaging and retaining outstanding people: undergraduate students, graduate students, faculty and staff
- Committing to excellence in academic programs and services
- Undertaking high-impact research, both within and across the disciplines and spanning the theoretical to the practical

key priorities

- Building connections and promoting collaboration
- Fostering innovation and entrepreneurship
- Providing the world-class facilities required to support excellence in education and research

% change in applications from 2010

	First-choice applications	All applications
2011 OSS Applications		
Waterloo	+5.9%	+5.1%
Waterloo: Engineering	+10.3%	+8.8%
Province: Engineering	+8.0%	+7.2%
2011 NOSS Applications		
Waterloo	+12.9%	+13.2%
Waterloo: Engineering	+24.6%	+25.3%
Province: Engineering	+11.6%	+14.7%

% change in applications from 2010

	First-choice applications	All applications
2011 Visa Applications: OSS		
Waterloo	+13.5%	+22.6%
Waterloo: Engineering	+27.5%	+40.2%
2011 Visa Applications: NOSS		
Waterloo	+27.3%	+28.2%
Waterloo: Engineering	+47.0%	+41.8%

consultation: self study

To provide context to the data and information included in the faculty and staff self study:

What do you feel are the positive and negative aspects of the faculty work environment?

Email responses to the director of planning by January 27th: mfoulds@uwaterloo.ca

consultation: plan development

Input from community members is key to the development of plan objectives and strategies.

Feedback mechanisms will include:
representative membership on planning committees, surveys, focus groups, etc.

find out more

www.engineering.uwaterloo.ca/Vision2015

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