

## Faculty of Science Coordinating Council Minutes

Thursday, October 3, 2019

Room 203 Toldo

### Attendance:

<b>Dean's Office</b>	P	Chris Houser	R	Philip Dutton	P	Tricia Carmichael
<b>Biomedical Sciences</b>	P	Andrew Hubberstey	P	Shashi Jasra	P	Kyle Stokes
<b>Chemistry &amp; Biochemistry</b>	P	James Gauld	P	Zhuo Wang	P	Sara Mechael
<b>Computer Science</b>	P	Ziad Kobti	P	Alioune Ngom	P	Sai Amrita Dhir
<b>Economics</b>	P	Nurlan Turdaliev	P	Sang-Chul Suh	A	TBA
<b>Environment</b>	P	Joel Gagnon	A	Jill Crossman	P	Paul Sotiriou
<b>Forensic Science</b>	P	Maria Cioppa		N/A	P	Deanna Fisher
<b>Integrative Biology</b>	P	Julie Smit	P	Sherah VanLaerhoven	P	Blue Raasch
<b>Math &amp; Stats</b>	P	Richard Caron	P	Sudhir Paul	P	Penny Cardelli
<b>Physics</b>	P	Steven Rehse	P	Jeffrey Rau	P	Jeremy Marvin
<b>Non-voting</b>	A	Joy-Lynn Kobti	P	Laura McLean	A	Sharon Rasul
<b>Non-voting</b>	P	Gemma Grey-Hall	P	Darko Milenkovic	R	Dora Cavallo-Medved
<b>Non-voting</b>	P	Mike McKay	P	Lisa Porter		
<b>Guest</b>	P	Dana Menard	P	Bob Hodge	P	Sara McNorton

R=Regrets, S=Substitute, G=Guest

### 1. Welcome and approval of Agenda

**MOTION: To approve the agenda.**

**Hubberstey/Smit**

**CARRIED**

### 2. Approval of Minute from April 4, 2019

**MOTION: To approve the minutes of April 4, 2019.**

**VanLaerhoven/Caron**

**CARRIED**

### 3. Sci of Relief Town Hall

- Collected data from students, faculty and staff in Spring.
- Staff and faculty asked what they thought students were stressed about and student were asked what they were stressed about.
- Presentation attached.
- Dana taking time to figure out where our needs and gaps are so we have a better developed Sci of Relief program.
- We will be holding a Sci of Relief Town Hall event on Wednesday, October 30<sup>th</sup> from 4:00-5:00 in the CORE atrium where all results will be presented. All are welcome to attend.

### 4. Institute Directors

- In April 2011 GLIER was added to Council but there was never a vote or motion or discussion about adding them.
- There are now have 3 institutes associated with Science (GLIER, WHI, & IDIR) and Council discussed adding them as FCC voting members.

**MOTION: That the Institute Directors of GLIER, WHI & IDIR be added as voting members of Faculty Coordinating Council as per bylaw 44: 3.1.7.**

**Gagnon/Hubberstey**

**AMENDMENT TO MOTION: That all approved Institute Directors associate with Science are added as voting members to Faculty Coordinating Council as per bylaw 44: 3.1.7.**

**Hubberstey/Caron  
CARRIED**

**5. Clint Jacobs Adjunct Appointment**

- Clint Jacobs is currently the interim supervisor of the Walpole Heritage Centre and instructor of TEK course. He does a lot of work with Dr. Catherine Febria and others at GLIER.
- Council discussed possible ranks for this appointment.
- Clint will act as a consultant to Science by helping us to develop indigenous content across the faculty.

**MOTION: To approve Clint Jacobs as an Adjunct Assistant Professor in the Faculty of Science for three years effective October 1, 2019.**

**VanLaerhoven/Gagnon**

**AMMENDMENT TO MOTION: That Clint Jacobs be appointed as Adjunct Lecturer in the Faculty of Science for a three year period effective October 1, 2019.**

**Caron/Stokes**

**AMMENDMENT TO MOTION: That Clint Jacobs be appointed as Adjunct Assistant Professor in the Faculty of Science for a three year period effective October 1, 2019.**

**Rehse/VanLaerhoven**

**CARRIED**

**22 in favour/4 abstain/0 opposed**

**6. Hybrid AAS Appointment Recommendation (Science & School of the Environment) – Dr. Pardeep Jasra**

- A Hybrid AAS position was created to support Forensic Science. This position will be a hybrid between School of the Environment and Faculty of Science.
- As the Forensic Science program does not fall under one AAU, the hybrid needs to be to the Faculty of Science.
- Dr. Pardeep Jasra is the recommended candidate. School of the Environment Council has already approved the recommended candidate.
- Council discussed different rank options.

**MOTION: To appoint Dr. Pardeep Jasra as a hybrid AAS II between the Faculty of Science and School of the Environment for 5 years.**

**Caron/Gagnon**

**CARRIED**

**23 in favour/2 abstain/0 opposed**

**7. Chemistry & Biochemistry APTR Criteria – Research**

**8. Chemistry & Biochemistry APTR Criteria – Service**

**9. Chemistry & Biochemistry APTR Criteria - Teaching**

**MOTION: To consider agenda items 7, 8, & 9 as an omnibus motion.**

**Joel/Sherah**

**CARRIED**

**MOTION: To approve Chemistry & Biochemistry APTR Criteria for Research, Service & Teaching.**

Joel/Sherah

**CARRIED**

**10. 2019 Enrolment & 2020 Recruitment**

- Chris Houser presented enrolment data (attached)

**11. Budget Position**

- Discussed the SMA3.
- 7 Categories have been identified and Central Administration will weigh the categories and set the metrics. Nothing can be lower than 10% and nothing higher than 50%.
- Funding can be shifted from Universities that don't meet the metrics and given to institutions that did.
- Discussed if ways to do better as a Faculty in the areas (graduate employment, graduation rate, research funding, community/local impact, graduate earnings, experiential learning, & industry funding).
- Identified that we do experiential learning very well but need ways to measure it. We should do a better job of telling students what they are getting out of these classes. Highlight the skills they are getting out of the classes. They may not know what high impact practice means.
- Suggested that we could organize more opportunities for employed alumni to speak to our students.
- Suggested that we could give more specific information to students highlighting what jobs/careers they can do with different degrees.

**12. LGBTQ+ STEM Conference**

- Tomorrow (Oct. 4<sup>th</sup>), UWindsor is hosting the first in Canada LGBTQ+ STEM conference. Topics will include themes from Chemistry, Physics, Economics, etc.
- The conference will highlight the contribution of LGTBQ+ in STEM and provide a platform to highlight the exceptional work being done.
- Received support from sponsors: VPRI, Science, & President's office, NSERC & Chemical Institute of Canada.
- Expecting 90 people to attend the Reception, and 60 to attend the Conference.

**13. Faculty of Science Town Hall**

- A Faculty of Science Town Hall will be held on November 28 @ 1:00 in Katzman Lounge in Vanier Hall.
- All faculty, staff and students are welcome to attend.

**14. Undergraduate & SPDC Update**

- N/A

**15. Graduate Studies & SPDC Update**

- There are 27 NSERC Discovery applications from Science. The peer review program is running again this year.
- The Research Stimulus Fund contest closed this week. Applications are currently under review.

- If people met the year 2 Grad Growth Incentive Fund criteria, they will be notified shortly.

#### **16. Other Business**

- Concern was raised about midterm scheduling/conflicts. Students are bearing the weight of communicating with instructors. Should midterm scheduling be centralized for large classes?
- Windsor Essex DevFest is starting tomorrow. DevFests are google sponsored software developer conferences that allow local software development communities to come together to network and learn about the coolest new technology out there. The event is sold out.

#### **17. Adjournment**

**MOTION: To adjourn the meeting.**

**Gagnon/Hubberstey  
CARRIED**

# Sci of Relief survey (preliminary) results

A. Dana Ménard, PhD, CPsych



# Background and methodology

- Survey data collected March/April 2019
- Students/post-docs answered questions about overall level of stress, contributors to stress, familiarity with campus programs, reasons for using/not using programs, suggestions for what to change
- Faculty/staff answered questions about their PERCEPTIONS of student stress levels, contributors to stress level; their familiarity with programs, suggestions for what to change



# Respondent demographics

- Students/post-docs
  - N = 308
  - 71.5% female, 28.5% male
  - 80.1% undergraduate, 19.9% graduate/post-doc
  - 33.8% biology, 18.5 chemistry/biochemistry, 12.3% computer science
- Faculty/staff
  - N = 40
  - 43.6% female, 56.4% male
  - 50% at uWindsor <15 years, 50% >15 years
  - 35.1% chemistry/biochemistry, 16.2% physics, 13.5% EES, 13.5% biological sciences, 16.2% physics



# Undergraduate student stress

- Student-reported stress level = 70.20 (SD 20.16), range 8-100
- Faculty estimate = 67.00(14.98), range 30-95
- Student-reported contributors to stress (0 = not at all, 3 = extremely)
  - Academic workload ( $M = 2.11$ )
  - Grades ( $M = 2.11$ )
  - Future career ( $M = 2.07$ )
- Faculty perceptions
  - Anxiety problems ( $M = 2.26$ )
  - Grades ( $M = 2.24$ )
  - Academic workload ( $M = 2.03$ )
- Discrepancies on 17/30 items





# Graduate student/post-doctoral fellow stress

- Student-reported stress level = 68.02 ( $SD = 21.14$ ), range 12-100
- Faculty estimate = 55.92 ( $SD = 17.19$ ), range 18-82
- Student-reported contributors to stress (0 = not at all, 3 = extremely)
  - Future career ( $M = 1.92$ )
  - Academic workload ( $M = 1.90$ )
  - Anxiety issues ( $M = 1.78$ )
- Faculty perceptions
  - Future career ( $M = 2.35$ )
  - Time management ( $M = 2.15$ )
  - Financial problems ( $M = 2.11$ )
- Discrepancies on 11/30 items



# Program familiarity

- Student most familiar programs
  - SOS exam aid sessions
  - Academic advisors
  - Science society
- Student least familiar
  - Campus-wide phone/Internet mental health programs (Good2Talk, Big White Wall, WellTrack)
- Faculty/staff most familiar
  - Academic advisors
  - Student counselling centre
  - Science society
- Faculty/staff least familiar
  - MySci peer mentoring
  - Campus-wide phone/Internet mental health programs (Good2Talk, Big White Wall, WellTrack)



# Town hall meeting

- October 30, 2019 at 4-5pm
- CORE atrium
- Agenda:
  - Chris – Sci of Relief program
  - Dana – survey results
  - Group discussion of findings
- There will be candy



# Our Faculty



University  
of Windsor  
Faculty of Science

127 Faculty

Tenured or tenure-track

34 New Faculty

Since 2016

\$17.5 million

Research funding in 2019

>\$10 Million

in Tri-Council funding in 2019

6 Research Chairs

Dr. Catherine Febria, Healthy Headwaters

Dr. Aaron Fisk- CRC Trophic Ecology

Dr. Steve Loeb- CRC Supramolecular  
Chemistry

Dr. Oliver Love- CRC Integrative Biology

Dr. Hugh MacIsaac- CRC Invasive Species

Dr. Nick Vukotic- IRC X-Ray Diffraction

## Undergraduate:

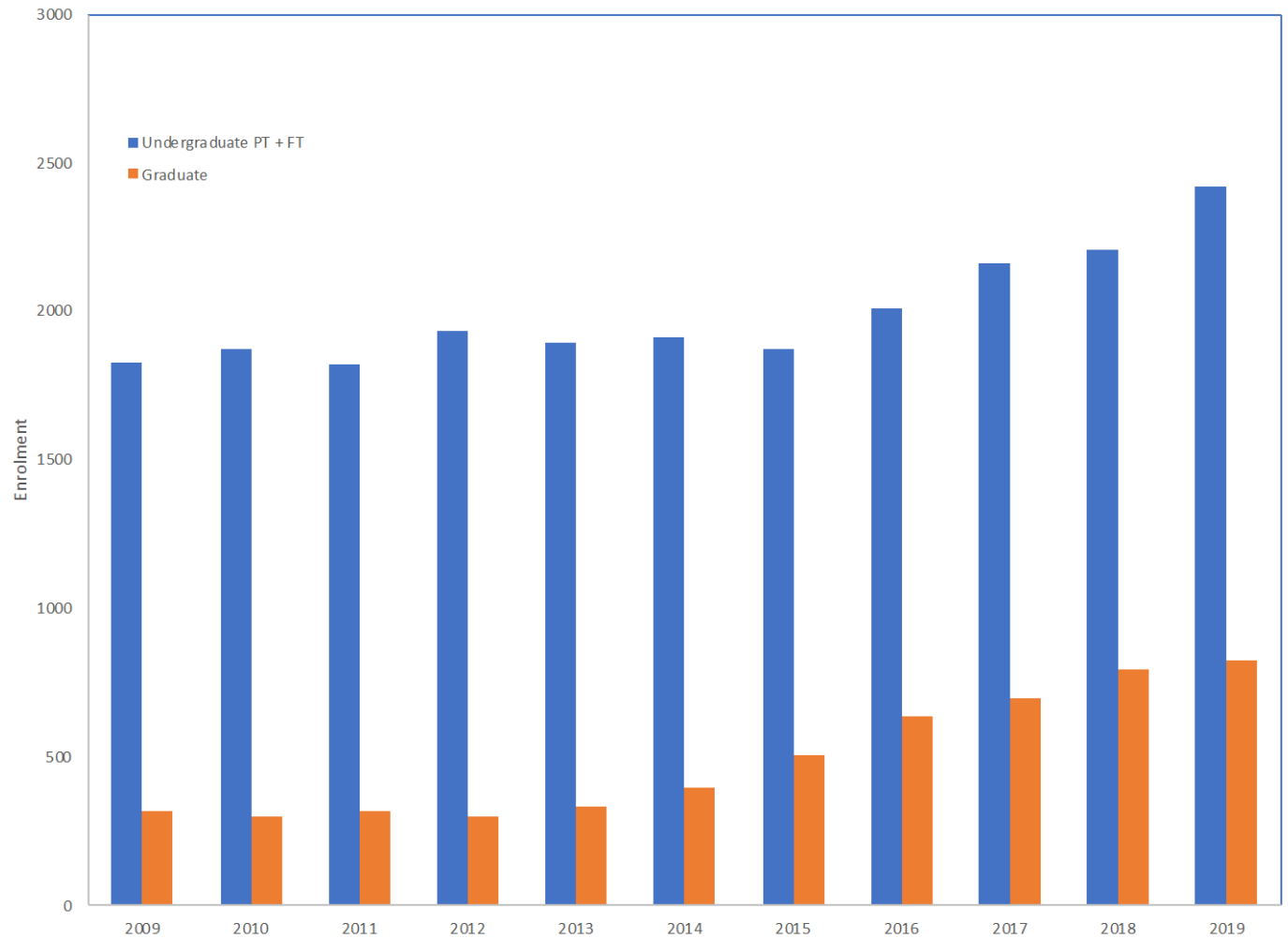
- 2084 FT
- 337 PT
- 2421 Total

## Graduate:

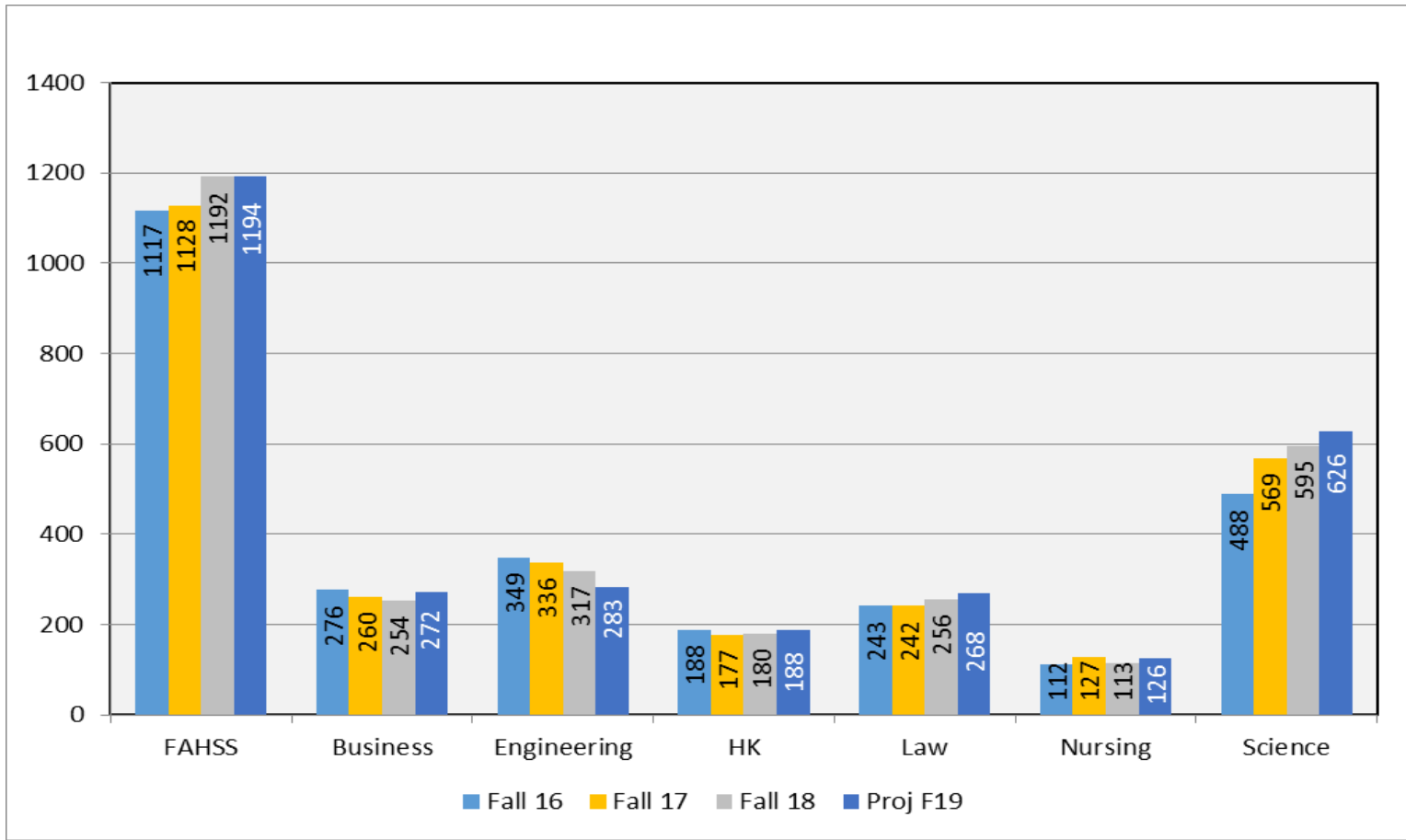
- 746 MSc
- 78 PhD
- 824 Total

## Increase since 2016

- 545 Ugrad
- 319 Grad

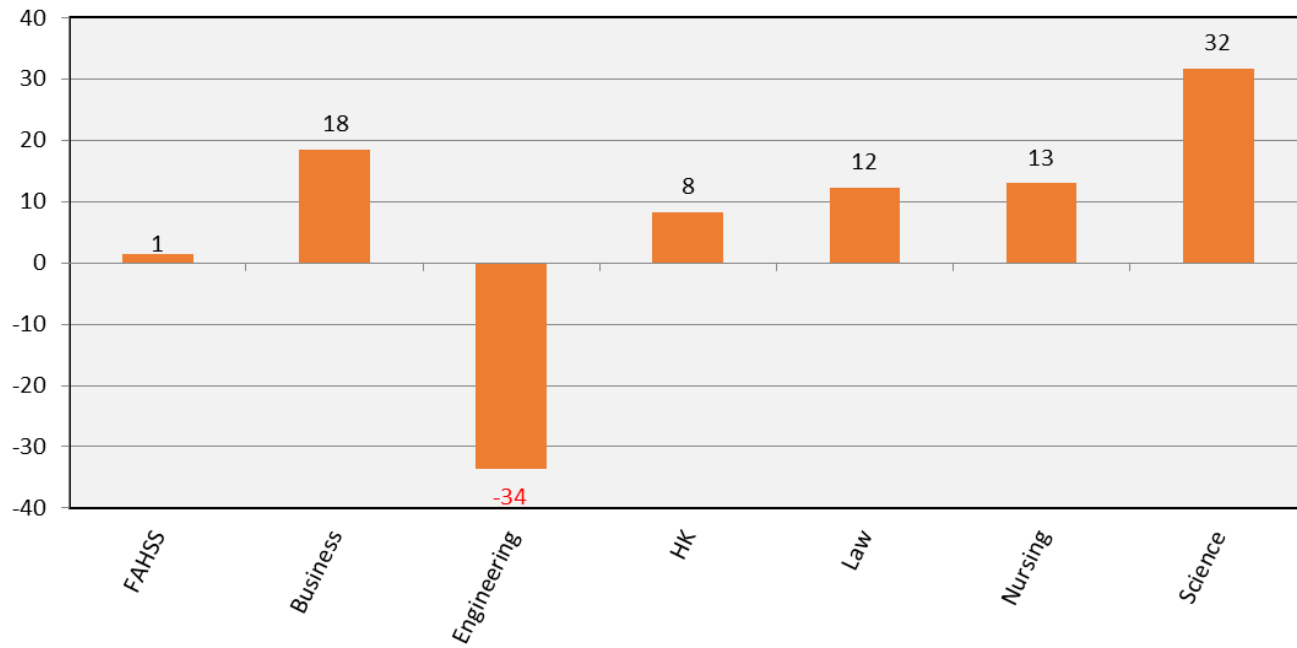


Enrolment



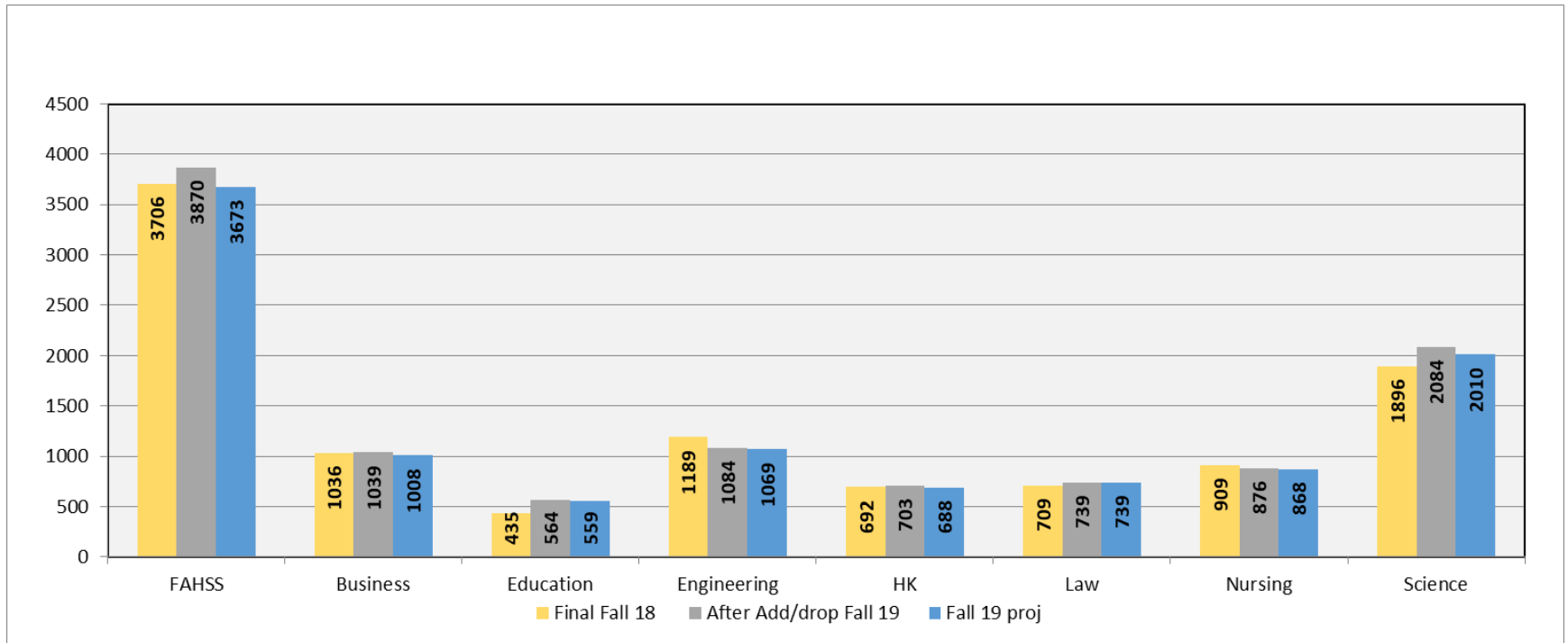
# Y1 FT Headcount





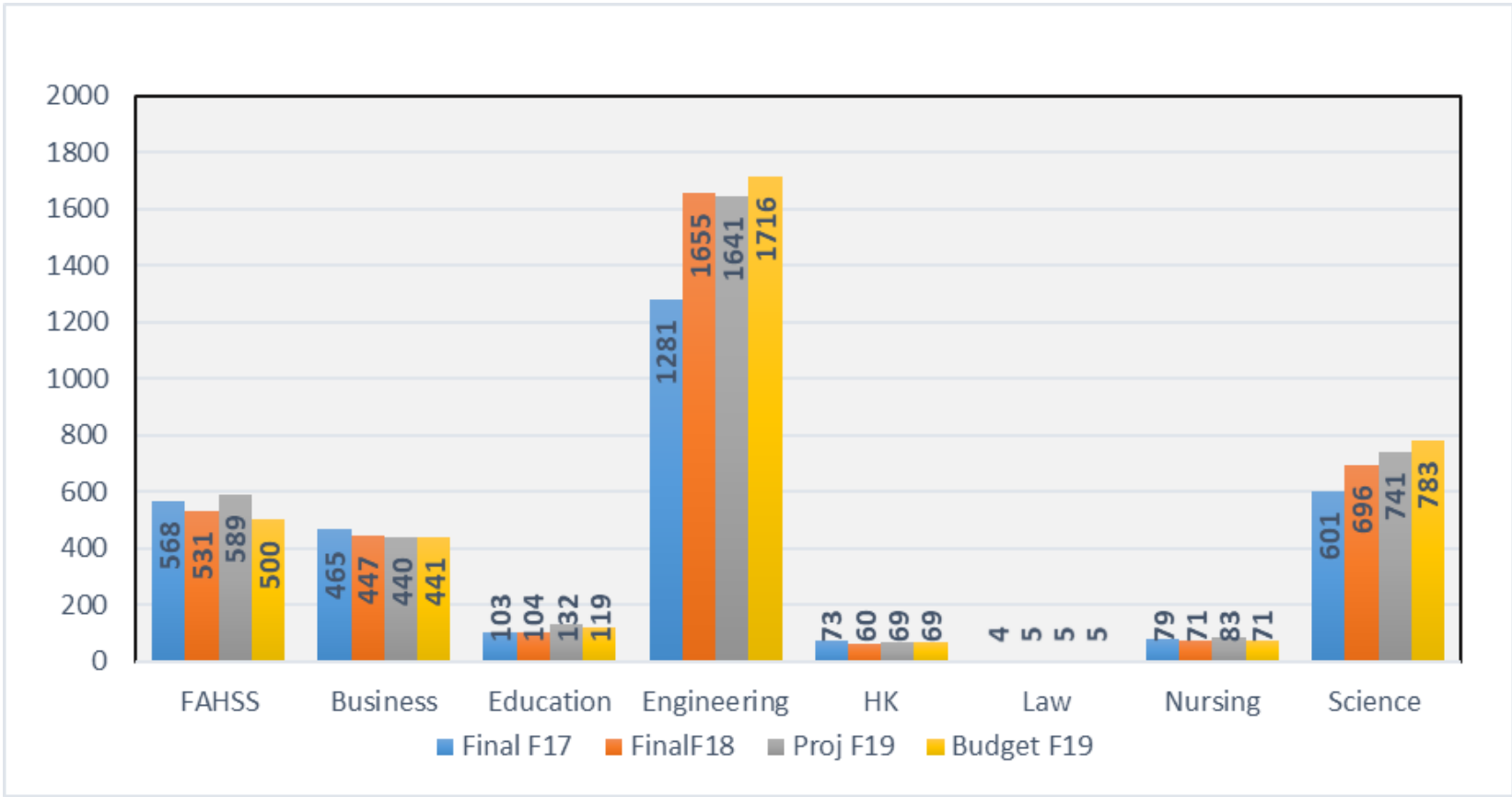
# Y1 FT Headcount





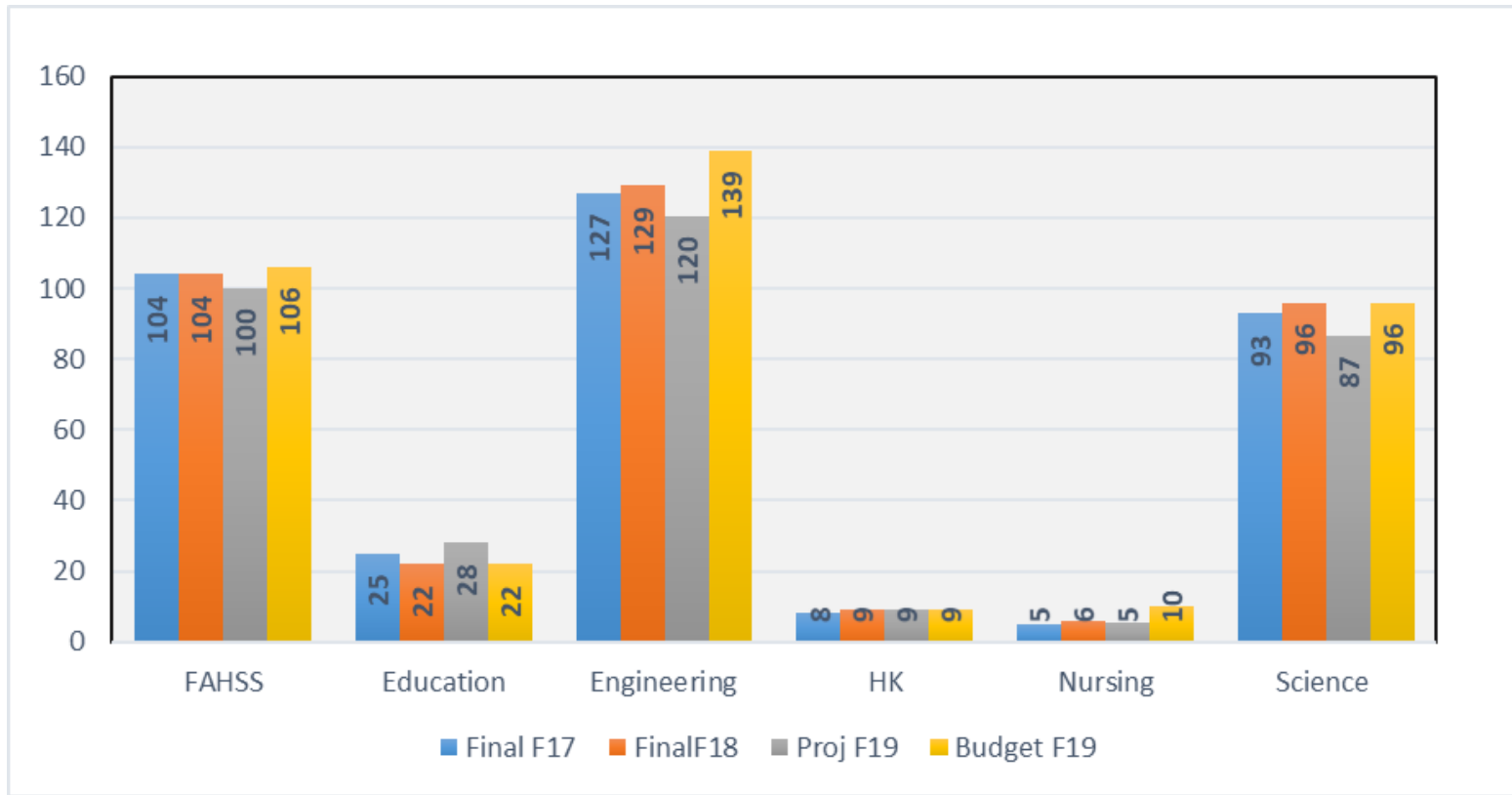
# Projections for November





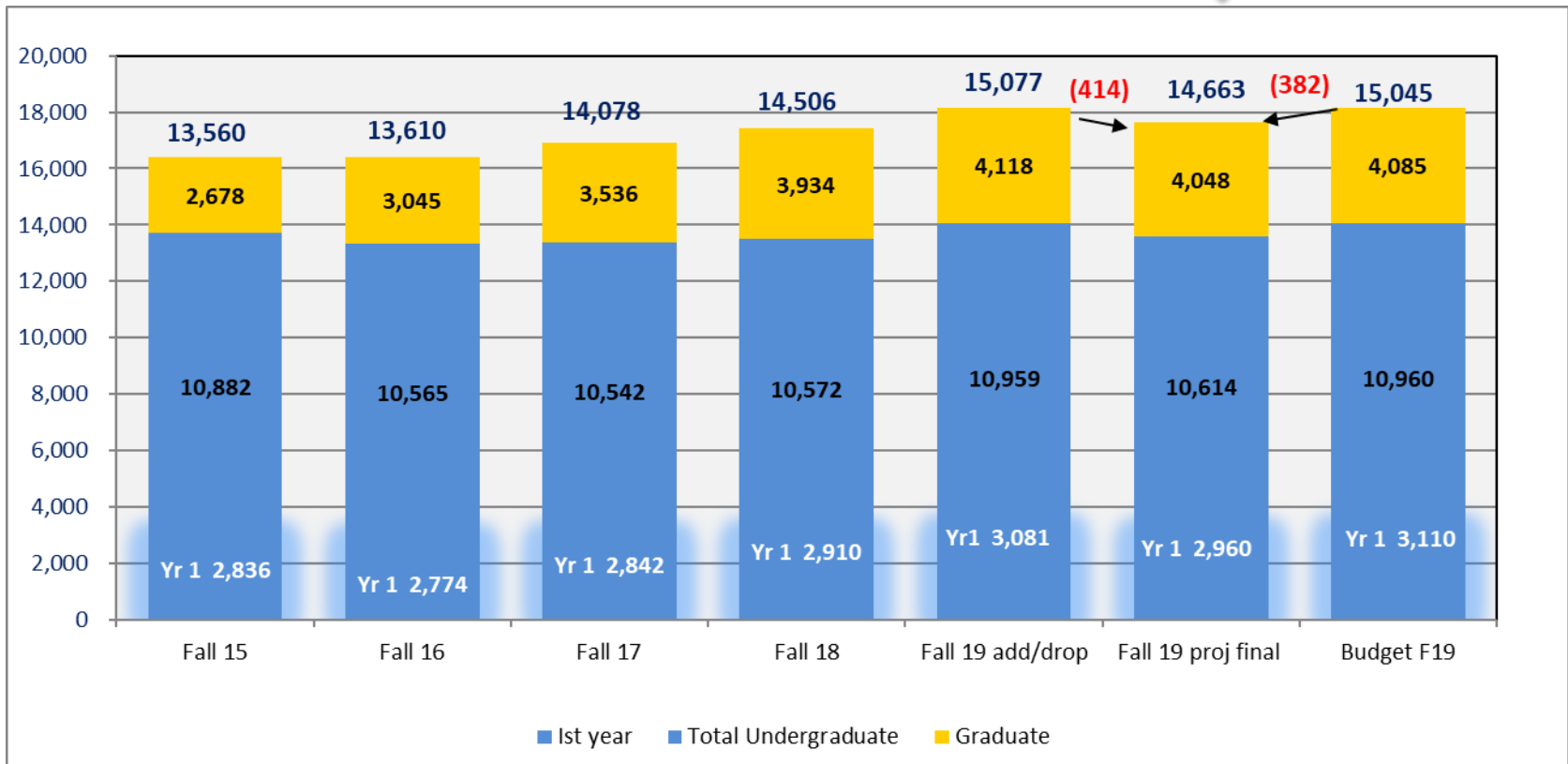
# MSc Enrolment





# PhD Enrolment

+157 over Fall 18



# Overall Enrolment

Description	2015/16 Actual	2016/17 Actual	2017/18 Actual	2018/19 Actual
Tuition Revenue	\$20,549,283	\$23,944,028	\$28,685,917	\$32,465,554
Tuition Adjustments				
Service Teaching Adjustment	5,103,404	5,399,353	4,668,255	4,615,893
Infrastructure Grant for Int'l Students	-4,437,383	-5,614,422	-7,215,811	-8,355,713
<b>Net Tuition Revenue</b>	<b>21,215,304</b>	<b>23,728,959</b>	<b>\$26,138,361</b>	<b>\$28,725,734</b>
Research Incentive Funding	1,144,682	1,102,850	1,102,850	1,102,008
<b>Net Funds Available</b>	<b>\$22,359,986</b>	<b>\$24,831,809</b>	<b>\$27,151,241</b>	<b>\$29,737,742</b>
Base Budget				
Salaries & Benefits	\$22,788,174	\$23,611,518	\$24,439,021	\$25,767,047
GA/TA Funding	3,166,034	3,617,763	3,558,283	3,558,283
Faculty Discretionary Funds	1,294,828	1,157,532	960,604	1,753,981
Unfunded Realignment	-714,236	-714,236	-714,236	-681,011
ECM Deficit Repayment Amount	0	-569,700	-386,700	-244,600
<b>Direct Costs of Academic Delivery</b>	<b>\$26,534,800</b>	<b>\$27,102,877</b>	<b>\$28,408,150</b>	<b>\$30,131,118</b>
<b>Faculty Surplus/(Deficit) Position</b>	<b>-\$4,174,814</b>	<b>-\$2,271,068</b>	<b>-\$1,256,909</b>	<b>-\$393,376</b>

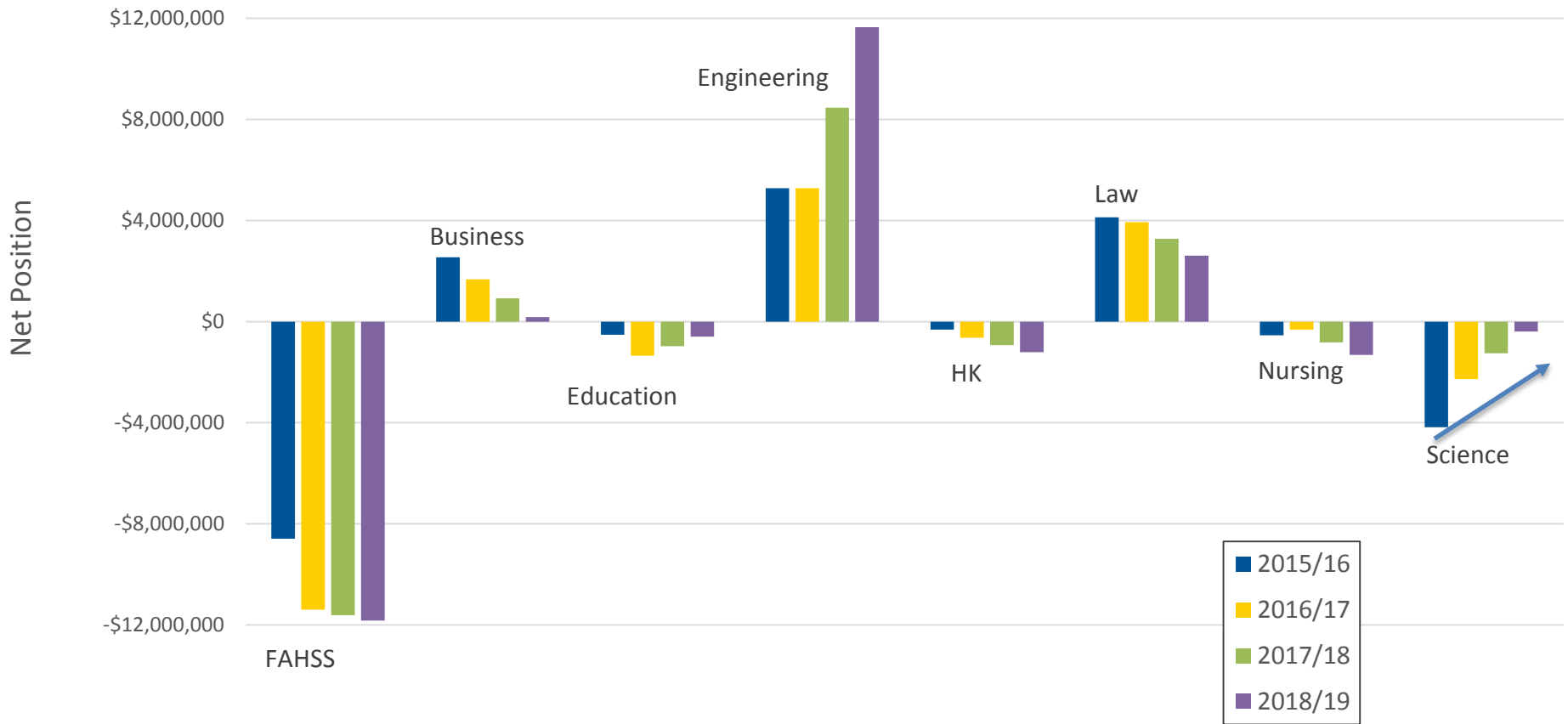
# Our Budget

Tuition + 10% of Research Funding + Service Teaching

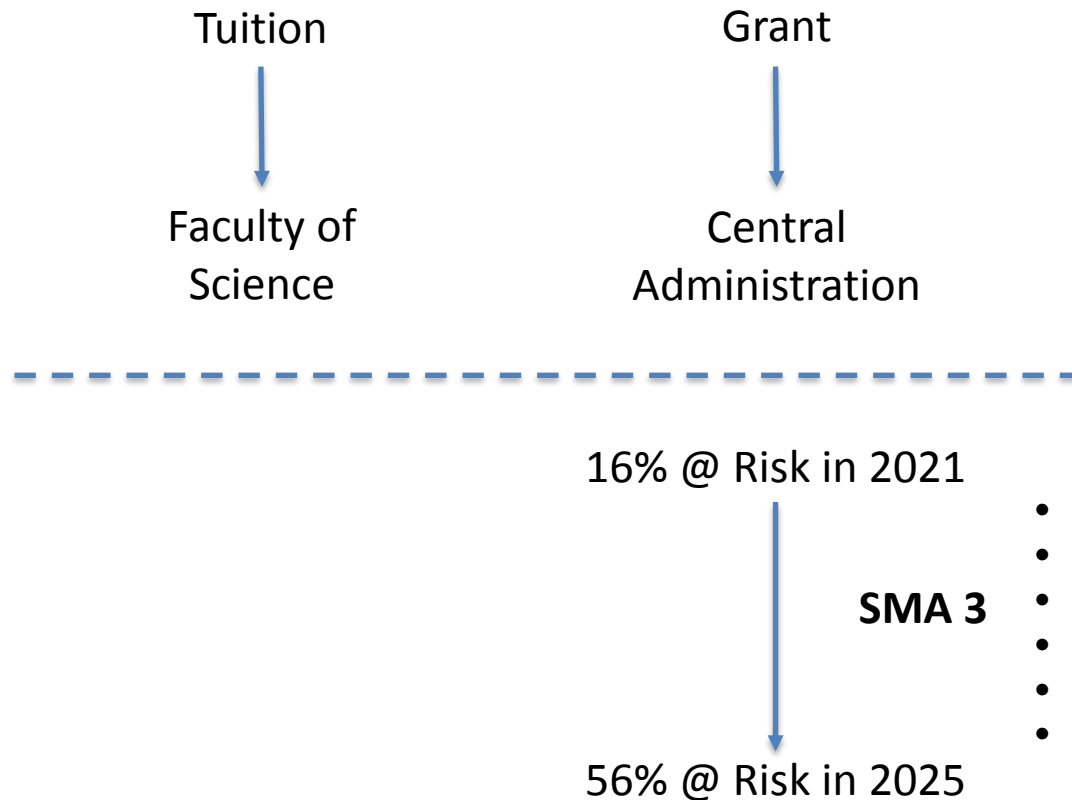
-Salaries +GA/TA Funding

=Net Position

# Net Position



# Tuition and Government Operating Grant



# SMA3 Categories

- Graduate Employment
- Graduation Rate
- Research funding
- Community/local impact
- Graduate earnings
- Experiential learning
- Industry funding