

Master's Education in the STEM disciplines

#GRADUATE #STUDIES

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Queen's University Kingston, Ontario







Background

Medium size, research intensive university

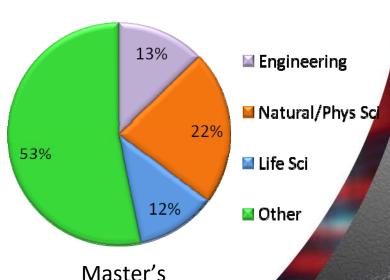
 Graduate students (n= 3,600) represent 17% of total student population at Queen's; 61% at Master's level

27 programs in STEM offer MSc, MASc, MEng,

MES and PhD degrees

 50.4% of graduate student population is in STEM:

47% Master's level 56% PhD level







Life Science

Biology
Chemistry
Computing *
Environmental Science
Geological Science
Geography
Kinesiology
Mathematics *
Physics

Engineering

* = offer 1 and 2 yr programs

Anatomy & Cell Biology

Biochemistry

Epidemiology

Microbiology & Immunology

Neuroscience

Pathology & Molecular Medicine

Physiology

Pharmacology & Toxicology

Rehabilitation Science

Natural and physical science

Chemical Engineering *

Civil Engineering *

Electrical & Computing Engineering *

Engineering Chemistry

Engineering Physics

Geological Engineering

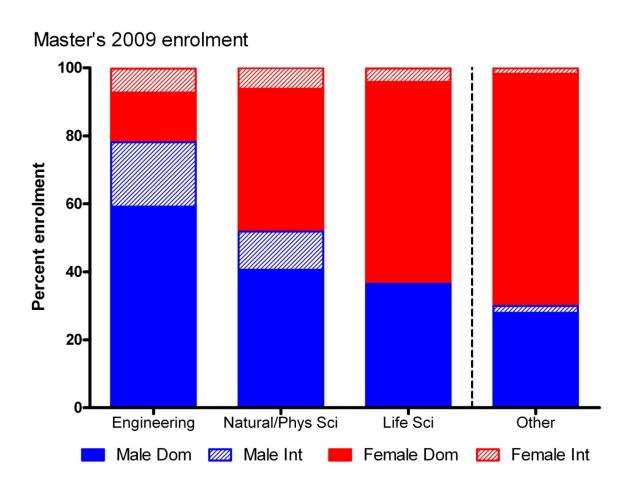
Mechanical & Materials Engineering*

Mining Engineering *

Mathematics & Engineering



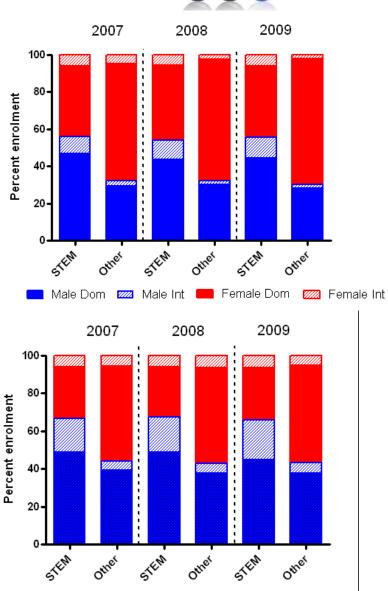
Enrolment trends





Doctoral





Female Dom

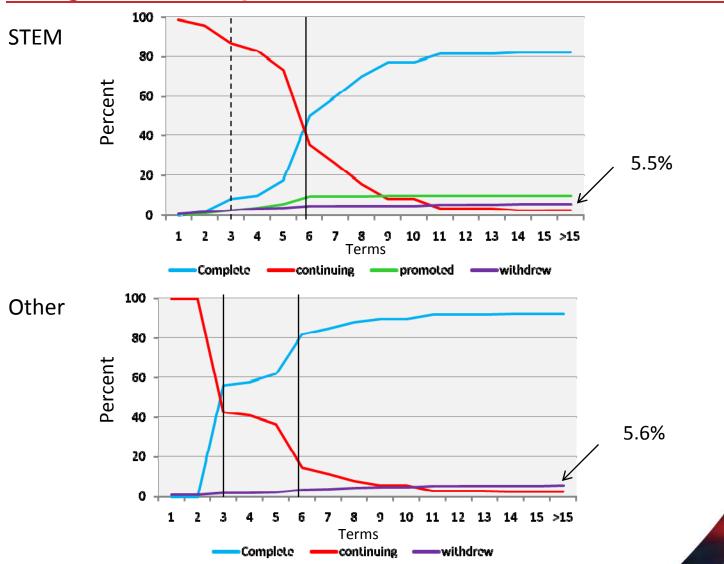
Male Dom Z Male Int

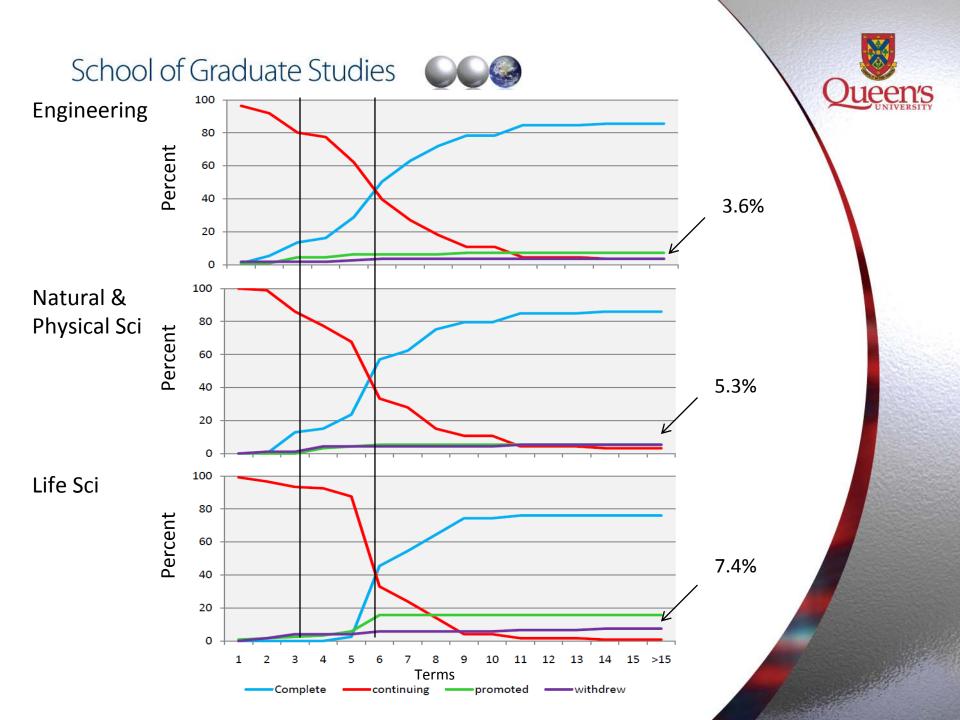






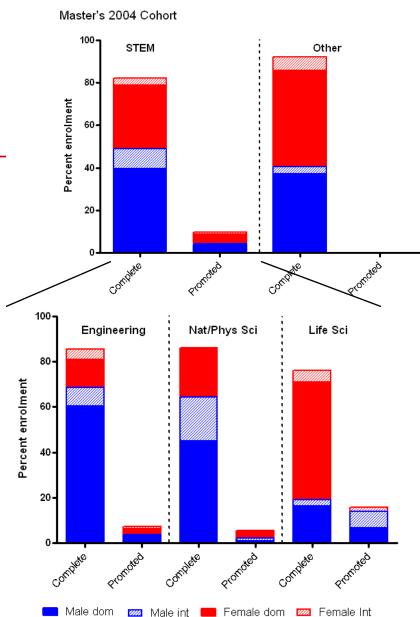
Degree completion - 2004 cohort data







Completion Rates (5 yr)









Outcomes post-Master's degree

Discipline Cluster	PhD	Industry	Government	Professional
Engineering	39%	21%	4%	33%
Natural & Physical Sciences	43%	9%	2%	35%
Life Sciences	47%	6%	9%	36%

