



# Semester One is Over

## Where to now?

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# WTW114: The central pillar of Maths intensive degrees

Education (matric maths)  
 Computer Science (maths)  
 Mathematical Statistics  
 Econometrics  
 Physics, Geology, Meteorology  
 Mathematics (pure, applied,  
 financial and actuarial)

WTW310,WTW320,WTW354,WTW364,WTW381  
 WTW382,WTW383,WTW386,WTW387,WTW389

WTW220	WTW264	WTW221	WTW248
WTW211	WTW218	WTW286	WTW285
WTW124		WTW162	WTW123
WTW114		WTW152	WTW115

**END OF SEMESTER ONE IS A GOOD TIME TO TAKE STOCK OF WHERE YOU ARE, WHAT YOU HAVE ACHIEVED AND THE DIRECTION YOU SHOULD FOLLOW.**

**LET US CONSIDER TOGETHER SOME “WHAT IF” QUESTIONS.**

# What if I failed with final mark below 40%?

- This is a strong indicator that you are not in a programme where you can be successful.
- *Ask yourself the questions:* Is the study programme I follow really my passion?
- If yes, use the time until the repeat next year to prepare. You need to increase the effort and improve your study method. *To expect a different outcome while you do the same thing, is unreasonable.*
- If no, reconsider your study programme. Look for programmes with no mathematics or less mathematics, e.g. not more than first year modules required.

In both cases talk to the student advisors.

They have seen situations like this already.

# What if I get final mark of 40%-49%?

- Such a result is a strong indicator that you are not in a programme where you can be successful.
- We suggest that you change your programme to a less mathematically intensive one, i.e. involving not more than one year of mathematics
- To facilitate fast throughput the following provisions are made:
  - *The prerequisite to WTW148 is WTW114GS*
  - *Students who change their programme and have WTW114 as the only outstanding mathematics module, will be eligible for a special exam in WTW114 in January 2021.*
- If you decide to repeat WTW114 in 2021, make sure you are well prepared (pre-knowledge, study method, etc.). Seek help to make this decision. Complete the Preparatory Mathematics module. Master all the content.

# I have a pass mark of 50% to 64%

- You are at serious risk of not being successful further. Statistical research has shown that students who graduate in the prescribed time have a pass mark of 65% or higher.
- Success in mathematics intensive degrees requires a strong foundation in this cornerstone module WTW114.
- This is seen in the results of its immediate successor (WTW124) over the three preceding years:
  - WTW 124 pass rate (WTW 114 60-100% group): 84%
  - WTW 124 pass rate (WTW 114 50-59% group): 24%
- If you choose to remain in a mathematics intensive programme, adjust your approach and effort.
- 50% pass is not a winner's goal. The goal is to excel!
- If you feel you cannot improve your performance, consider switching to less mathematically intensive programme.



## #FLY@UP with Maths

#Take off @ 65%

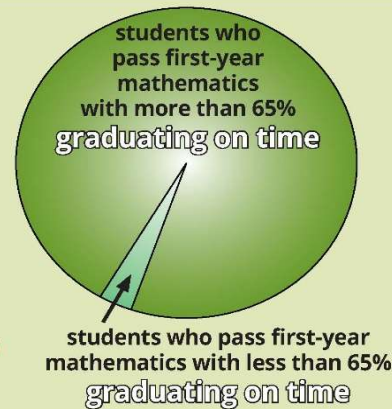
Want to  
graduate **ON TIME**?..

... keep your  
maths mark  
above **65%**

Student survey shows:

**STUDENTS  
GRADUATING  
ON TIME,**

are those who achieve  
more than 65%  
for first-year mathematics



Data from survey on the 2013 and 2014 cohorts of students in mathematics intensive degrees (two or more years of mathematics)

## What do I do?

**1**

**Stay connected**

- Take part in all tutorials
- Don't miss a lecture
- Keep up to date with the work

An illustration showing several hands holding a smartphone and a signpost. The signpost has arrows pointing to various social media icons (Facebook, Twitter, YouTube, etc.) and a 'Social Media' label.

**2**

**Take Action**

- Deal with your problems as they come up
- Don't postpone!

Lecturers, Tutors and Student Advisors are here for you!

An illustration of a large red button with the words 'Take Action' written on it in white.

# What if I have a 65% -74%

- You still need to step up your effort.
- You have knowledge gaps you will have to cope with.
- The next step (WTW124) is a notch harder.
- Remember, you are here to become excellent in what you study. Excellence is the foundation of a successful professional career.



# What if I have a distinction?

- Well done!!!
- You probably know what you are doing. Yet, remember, knowledge is more valuable than marks. Look for extras – these will give you the edge you need.
- If you have a mark of 80% then there is still 20% that you do not know or have not mastered. Why don't you find out what it is?
- And also get it into perspective – this is one step in a tall ladder. But for now, well done.

# Our team is here to support you

- **Lecturers**
- **Tutors**
- **Student advisors**
- **We cannot solve your problems for you, but we can assist you to find a solution.**