

For Students Finishing 1st Year  
Computer Science

# Undergraduate Advising Information

# All Degree Program Information

- CMPT Website
  - > Students
    - > Undergrad Programs
      - > Computer Science
      - > Bioinformatics
      - > Interactive Systems Design
- University Website (<http://www.usask.ca/programs/>)
  - More verbose!

# Computer Science Programs

## Honours Program (4 year)

- Rigorous education in computer science
- More theory, preferred for grad school

## Honours--Software Engineering (4 year)

- Development and management of large systems
- More practice, intended for industry

## Major (4year)

- More flexible, interest-driven
- Minimum expected by grad school or industry

## Major (3 year)

- An option as a secondary field (e.g., with EE or Math)

# Common Core 2<sup>nd</sup> year

Term

1

CMPT 214,  
260, 270

Math/Stats

Elective

Term

2

CMPT 215,  
280

Math/Stats

Elective

# What Math to take in 2<sup>nd</sup> year?

## Honours

STAT 241,  
242/245

MATH  
164/266

All in 2<sup>nd</sup>  
year!

## 4-Year

STAT 245

MATH 164

STAT 241  
(optional)

## 3-Year

STAT 245

MATH 164

# Honours Programs

- You need at least 60 cu to apply (end of 2<sup>nd</sup> year)  
(May 31 deadline)
- CWA requirements:
  - 70% CWA in major (CMPT)
  - 70% overall
- If you think you might be interested, plan to do all your MATH/STAT in 2<sup>nd</sup> year
  - Or some prerequisites might not work out to complete in 4 years

# Workload

- *Most students should not:*
  - Take 4 CMPT courses in a single term.
  - Take more than 3 CMPT courses over the summer.
  - Workload is too high!
  - Pace is too fast!
- Try to balance your CMPT courses across terms and years.

# Other Advice for Majors

- Choose some electives in 3<sup>rd</sup> year that take you out of the CMPT/MATH stream
- Look at 300/400 CMPT courses that interest you
  - Not all courses are offered every year
  - Plan after 2<sup>nd</sup> year
- Consider the internship program after 3<sup>rd</sup> year



# Interactive Systems Design

- Scheduling around ART classes can be tricky!
- Contact the department about conflicts

# Minor in Computer Science

- 18 CU of CMPT (6 courses):
  - At most 3 CU from CMPT 100, 105, 111, 113, 116, 140, 141, 175
  - Needs one 3<sup>rd</sup> or 4<sup>th</sup> year CMPT

# Certificate in Computer Science

- 21 CU of CMPT (7 courses):
  - CMPT 141, 145, 214, 270, 280
  - Choice of 300-level CMPT course
- Coming soon!

# Upgrading your grade

- If you receive a mark in the range 50-59
- You are strongly advised to retake the course *immediately*
  - CMPT 214/215/260/270/280 offered in summer!
- You can take it again, **once**...
  - But **ONLY** if you have not received credit for a follow-on course.

# To get more advice

- Browse Program websites
- DegreeWorks
- See an advisor!
- Make an appointment:  
`advising@cs.usask.ca`