

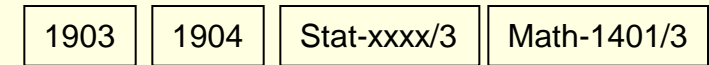
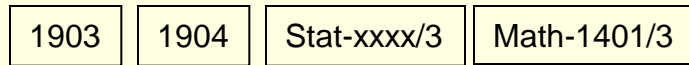
ACS 4-Year Programs

2016-2017

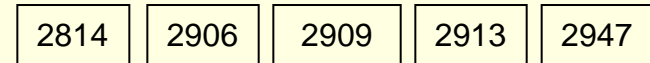
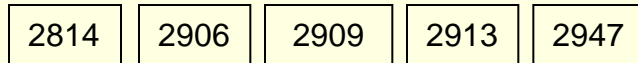
4-Year

Honours

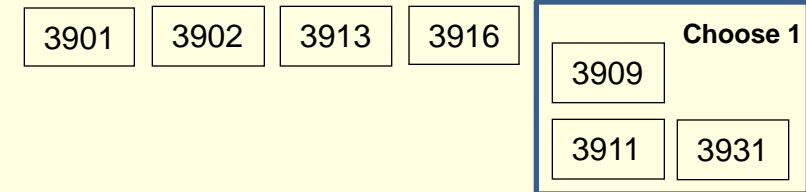
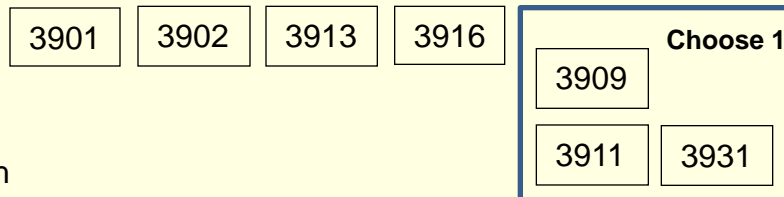
1st



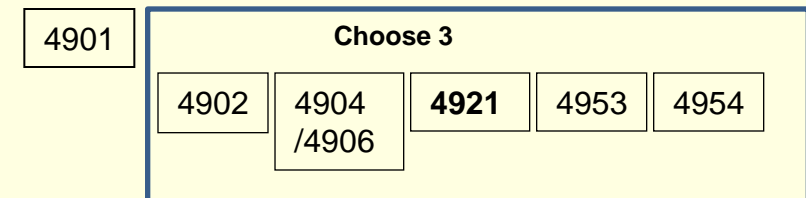
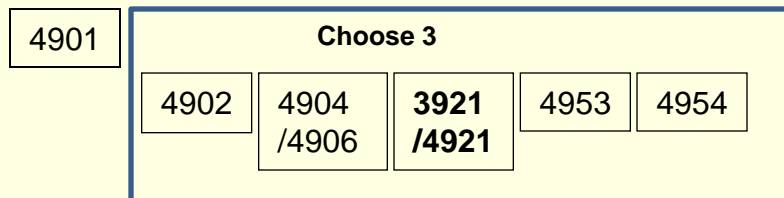
2nd



3rd



4th



ACS-4306 Parallel Programming – check with instructor (Dr. Henry) or Chair (Dr. Liao)
Indigenous requirement: 3 credit hours in designated Indigenous requirement courses

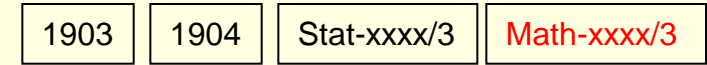
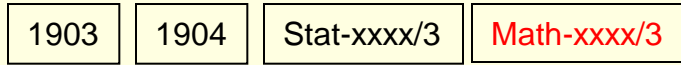
ACS 4-Year Programs

2017-2018

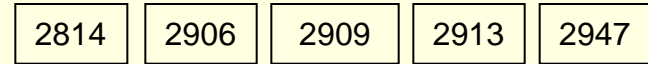
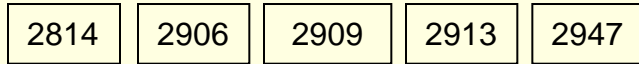
4-Year & Scientific Computing*

Honours

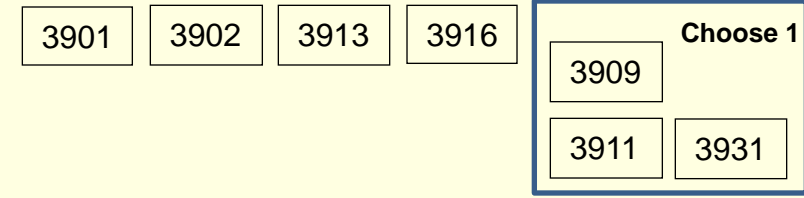
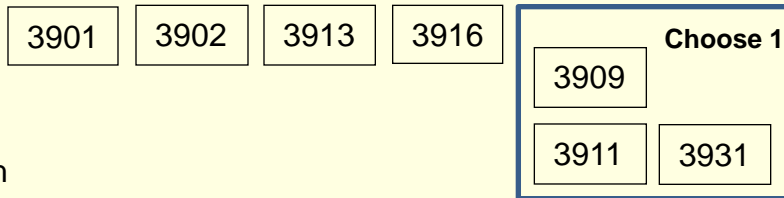
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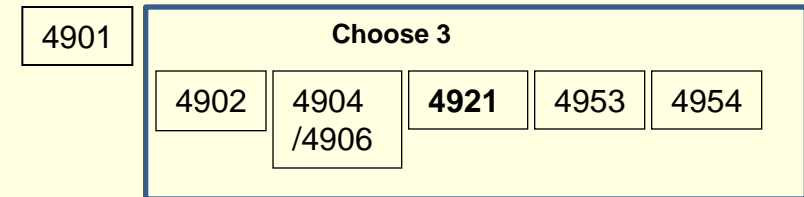
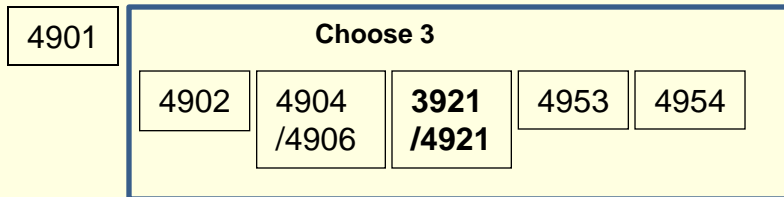
2nd



3rd



4th



* Group III must be from Science

ACS 4-Year Programs

4-Year

Minimum 57 credit hours
Maximum 78 credit hours.

18 credit hours in Group III

Group III:

A total of 18 credit hours must be chosen from at most three of the following departments:

- Business and Administration
- Biology
- Chemistry
- Geography
- Physics
- Mathematics & Statistics.

6 credits must be \geq 2000-level

Honours

Minimum 57 credit hours
No maximum for ACS courses

Minimum 3.0 GPA on ACS courses
-calculated over all ACS course attempts

Minimum 2.75 GPA on non-major courses

Maximum introductory courses: up to 42 credit hours at 1000 level

Distribution requirement: 5 subject areas

Humanities requirement: 12 credit hours

Academic writing requirement

Indigenous: 3 credit hours in designated Indigenous requirement courses

ACS 4-Year Programs

4-Year Combined Major

Combined Major

Minimum 60 credit hours from two different majors

Not less than 24 credit hours from each major subject

Prescribed courses:

- ACS-1903(3) Programming Fundamentals I
- ACS-1904(3) Programming Fundamentals II
- ACS-2814(3) Applications of Database Systems
- ACS-2909(3) Internet Programming
- ACS-2913(3) Software Requirements Analysis and Design

ACS 4-Year Programs

4-Year ACS – Group III

4-Year Honours – no Group III

4-Year Combined – some prescribed courses

2017-2018

4-Year Scientific Computing – Group III must be from *Science*

4th-year option group

Consult with Chair if your preferences not available

ACS 4-Year Programs

Declaration required before registration of 63rd credit hour
You can re-declare your major at any time

4-year vs 3-year

- Depth & breadth of study
- Number of credit hours: 36⁺ vs 57⁺
- Graduate Studies?

ACS 4-Year Programs

Under discussion for 2018-2019

ACS-4306, Applied Parallel Computing
in option group for 4-year programs

Scientific Computing (Honours)

ACS-2816 Health Information Systems
Added to Group II electives

ACS-2821 Information Security in Business
A new course