Breadth and depth requirements 2019-2020

Many of the checklists have a non-math Breadth and Depth requirement that includes **Humanities (Hum)**, **Social Sciences (SS)**, **Pure Sciences (PS)**, and **Pure and Applied Sciences (AS)**. The following chart indicates which category each subject area is classified under for students using a 2019/2020 calendar.

Some depth examples are on the last page of this document.

Subject	Description	Hum	SS	PS	AS
ACTSC	Actuarial Science				
AFM	Accounting and Financial Management		√		
AHS	Applied Health Sciences				√
AMATH	Applied Mathematics				
ANTH	Anthropology		√		
APPLS	Applied Language Studies		√		
ARBUS	Arts and Business		√		
ARCH	Architecture				√*
ARTS	Arts	√			
AVIA	Aviation				

BASE	Bridge to Academic Success in English				
BET	Business, Entrepreneurship and Technology		√		
BIOL	Biology			√	√
BME	Biomedical Engineering				√*
BUS	Business (Wilfrid Laurier University)		√		
CHEM	Chemistry			√	√
CHINA	Chinese	√			
CIVE	Civil Engineering				√*
CLAS	Classical Studies	√			
CM	Computational Mathematics				
CMW	Church Music and Worship	√			
CO	Combinatorics and Optimization				
COMM	Commerce		√		
CROAT	Croatian	√			
CS	Computer Science				
DAC	Digital Arts Communication	√			
DRAMA	Drama	√			

DUTCH	Dutch	√			
EARTH	Earth Sciences			√	√
EASIA	East Asian Studies	√			
ECE	Electrical and Computer Engineering				√*
ECON	Economics		√		
EFAS	English for Academic Success				
EMLS	English for Multilingual Speakers				
ENBUS	Environment and Business		√		
ENGL	English	√			
ENVE	Environmental Engineering				√*
ENVS	Environmental Studies				√
ERS	Environment and Resource Studies				√
FINE	Fine Arts	√			
FR	French Studies	√			
GBDA	Global Business and Digital Arts				
GENE	General Engineering				√*
GEOE	Geological Engineering				√*

GEOG	Geography and Environmental Management		√		
GER	German	√			
GERON	Gerontology				√
GRK	Greek	√			
HIST	History	√			
HLTH	Health				√
HRM	Human Resources Management		√		
HUMSC	Human Sciences	√			
INDEV	International Development		√		
INTEG	Knowledge Integration				
INTST	International Studies		√		
INTTS	International Trade		√		
IS	Independent Studies				
ISS	Interdisciplinary Social Science		√		
ITAL	Italian	√			
ITALST	Italian Studies	√			
JAPAN	Japanese	√			

JS	Jewish Studies	√			
KIN	Kinesiology				√
KOREA	Korean	√			
LAT	Latin	√			
LS	Legal Studies		√		
MATBUS	Mathematical Business				
MATH	Mathematics				
ME	Mechanical Engineering				√*
MEDVL	Medieval Studies	√			
MNS	Materials and Nano-Sciences				√
MSCI	Management Sciences		√		
MTE	Mechatronics Engineering				√*
MTHEL	Mathematics Electives				
MUSIC	Music	√			
NATST	Native Studies		√		
NE	Nanotechnology Engineering				√*
PACS	Peace and Conflict Studies		√		

PHIL	Philosophy	√			
PHYS	Physics			√	√
PLAN	Planning				√
PMATH	Pure Mathematics				
POLSH	Polish	√			
PORT	Portuguese	√			
PSCI	Political Science		√		
PSYCH	Psychology		√		
REC	Recreation and Leisure Studies		√		
REES	Russian and East European Studies	√			
RS	Religious Studies	√			
RUSS	Russian	√			
SCI	Science			√	√
SDS	Social Development Studies		√		
SE	Software Engineering				
SI	Studies in Islam	√			
SMF	Sexuality, Marriage, and Family		√		

SOC	Sociology		√		
SOCWK	Social Work		√		
SPAN	Spanish	√			
SPCOM	Speech Communication	√			
STAT	Statistics				
STV	Society, Technology and Values		√		
SYDE	Systems Design Engineering				√*
UNIV	University				
VCULT	Visual Culture	√			
WS	Women's Studies		√		

*Consult a CS advisor first to ensure whether the course is appropriate for your breadth and/or depth.

The "Depth" requirement can be met in two ways:

- 3 courses (1.5 units) that have the same subject with at least one of them (0.5 units) at the third-year level or higher, or
- 3 courses (1.5 units) with the same subject forming a prerequisite chain of length three

Here are some examples of prerequisite chains of length three. In each case, course Z has course Y as a prerequisite and course Y has course X as a prerequisite.

- BU 121, followed by BU 352, followed by BU 362
- ECON 101, followed by 201, followed by one of 301, 332, 341, 342, 355, 357, 361, etc.
- JAPAN 101R followed by 102R, followed by 201R
- PHYS 121, followed by 122, followed by one of 226, 234, 242, 256, 263, 358, 375, 380, 383
- PSYCH 101 followed by 207, followed by one of 306, 307, 308, 320

Many subject areas do not have prerequisite chains. Students interested in these areas should use the first option for satisfying the requirement.