SFU INSTITUTIONAL RESEARCH AND PLANNING

MEMORANDUM

ATTENTION:	Senate	**DATE:**	August 26, 2020
FROM:	Zareen Naqvi, Institutional Research and Planning (IRP)	**PAGES:**	**1 of 1**
RE:	IRP Reports for Information		

At a meeting of Senate held on March 7, 2011, Senator Paul Percival requested that relevant IRP reports, such as the annual Grades Report, be brought to Senate for information.

Attached are two reports for information:

- **2019/20 Grades Report:** This report is prepared once a year and it summarizes course grades at the University over a ten year period. The 2019/20 Grades Report covers the period from 2010/11 to 2019/20. Attached is the Summary Report. More detailed information is available on IRP's website: http://www.sfu.ca/irp/students/grades-report.html

- **2019 Undergraduate Student Survey (UGSS) Report:** The UGSS survey is conducted every fall term. The attached Highlights Report presents a summary of key findings from the Fall 2019 survey. Topics covered are selected in consultation with faculties, Student Services and other administrative units of the University. This year's topics included: course availability, credential completion time, teaching and curriculum, services, and university culture and environment. The full report is located at:
http://www.sfu.ca/content/dam/sfu/irp/surveys/ugss/ugss2019report.pdf

If you have trouble accessing files on IRP's website, please contact askIRP@sfu.ca.

Enclosure

SFU | INSTITUTIONAL RESEARCH AND PLANNING

2019/20 Grades Report:

Historical Distribution of
Undergraduate and Graduate Course Grades

2010/11 to 2019/20

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Summer 2020

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I – Introduction

This report summarizes student course grades at Simon Fraser University over the ten year period from 2010/11 to 2019/20[1]. SFU faculty and staff can access more detailed information at the SFU Institutional Research and Planning website (http://www.sfu.ca/irp/students/grades-report.html).

II – Definitions and Notes

To calculate the average course grades, each grade is assigned a numeric value, defined in Table 1. These values are weighted by the number of students who received each particular grade, to produce an overall average.

Table 1: Simon Fraser University's Grade Scale

A+ = 4.33	B+ = 3.33	C+ = 2.33	D = 1.00	N = 0.00
A = 4.00	B = 3.00	C = 2.00	F = 0.00	
A- = 3.67	B- = 2.67	C- = 1.67	FD = 0.00	

Table 2 lists the grades that have no numerical equivalent, and are therefore omitted from the calculation of average grades, and from this report. Although they are not included in the averages, credit is granted for the following grades: "AE", "CC", "CO", "CR", "P", and "S".

Table 2: Grades with No Numerical Equivalent

Grade	Definition
AE	aegrotat standing, compassionate pass
AU	audit
CC	course challenge
CF	course challenge failed
CN	did not complete challenge
CO	complete
CR	credit without grade
DE	deferred grade
FX	formal exchange
GN	grade not reported
IP	in progress
P	pass, ungraded
S	satisfactory
U	unsatisfactory
W	withdrawn
WD	withdrawal
WE	withdrawal under extenuating circumstances

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[1] All data in this report reflect the current faculty structure.

Among undergraduate courses, "lower division" courses are those numbered from XX1 to 299, inclusive. "Upper division" courses are numbered 300 to 499, inclusive.

Data reported on a yearly basis refers to fiscal year. For example, 2019/20 grades are the grades accumulated over the 2019 Summer term (SFU term code: 1194), the 2019 Fall term (SFU term code: 1197), and the 2020 Spring term (SFU term code: 1201). The grades data are as of August 5, 2020.

Due to the COVID-19 pandemic, for the Spring 2020 term only, students were given the following grading options: (i) keep their assigned grade; (ii) for undergraduate courses, change their grade to "P" (Pass, if they were awarded a grade of "D" or higher); (iii) for graduate courses, choose a designation of "S/U" (Satisfactory/Unsatisfactory) or "AE" (Compassionate Pass, with the instructor's permission). Due to this anomalous grading situation, grades from 2019/20 may not be comparable to grades from other years.

To protect student privacy, grade distributions based on five grades or fewer are not reported. Co-op courses, work-terms, and practicums are excluded from this report. Where they could be identified, courses graded as Pass/Fail are also excluded.

III – Analysis

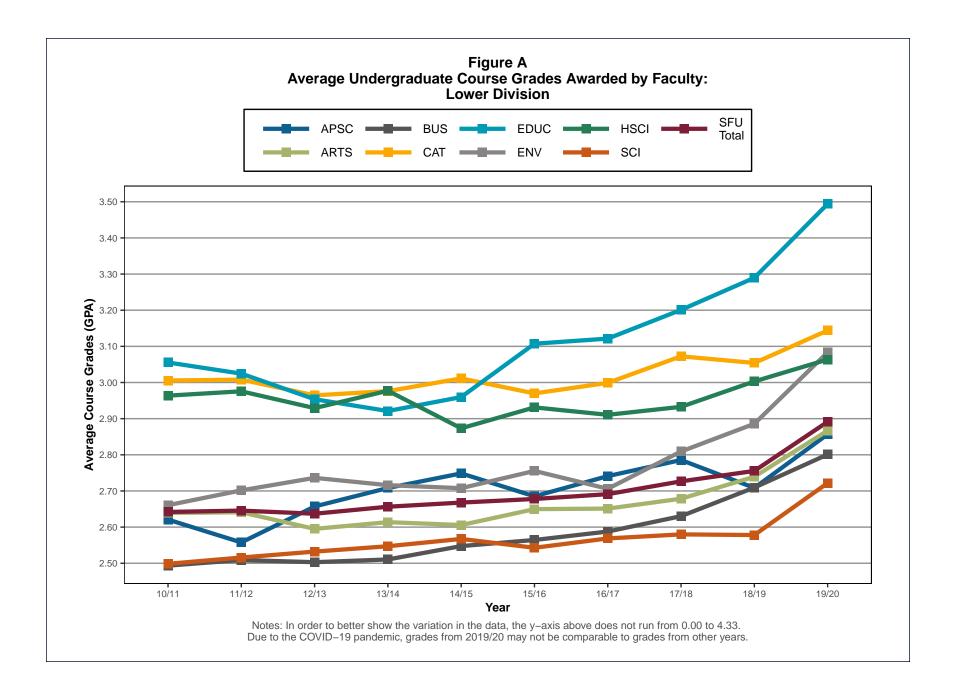### III.A – Undergraduate Course Grades[2]

III.A.1 – Lower Division Course Grades (Courses Numbered XX1-299 Inclusive)

FACULTY COMPARISONS (see Table 3 and Figure A):

- The Faculty of Education (EDUC) awarded the highest average lower division grades in 2019/20. EDUC has awarded the highest average lower division course grades in seven of the last ten years, with an average awarded grade of 3.13 over the past decade.

- EDUC has awarded the highest percent of lower division "A" grades in nine of the past ten years (10-year average of 38.3%). Conversely, the Faculty of Applied Sciences (APSC) has awarded the highest percent of "F" grades in seven of the past ten years.

- From 2010/11 through 2018/19, the faculties of Communication, Art and Technology (CAT), Education (EDUC), and Health Sciences (HSCI) awarded higher average lower division grades than the other faculties (10-year averages in the range of 2.95 to 3.13). In 2019/20, the Faculty of Environment (ENV) awarded higher average lower division grades than HSCI.

- For nine of the last ten years, the next highest average lower division grades have been awarded in the faculties of Environment (ENV), Applied Sciences (APSC), and Arts and Social Sciences (ARTS), with 10-year averages of 2.78, 2.71, and 2.66, respectively. Since 2016/17, the average lower division grade awarded in ENV has been on an upward trend, and, this year, surpassed HSCI.

[2] Keep in mind that 2019/20 grades may not be comparable to grades from other years; see the Definitions and Notes section for details.

Figure A
Average Undergraduate Course Grades Awarded by Faculty:
Lower Division

Notes: In order to better show the variation in the data, the y–axis above does not run from 0.00 to 4.33.
Due to the COVID–19 pandemic, grades from 2019/20 may not be comparable to grades from other years.

- Lower division courses in the Beedie School of Business (BUS) and the Faculty of Science (SCI) have generally awarded the lowest average grades. The average lower division grade awarded in BUS has been on an upward trend since 2012/13 and, in the last two years, it has been on par with that of APSC and ARTS.

- Average lower division course grades increased in every faculty from 2018/19 to 2019/20. This is the expected pattern, in light of the Spring 2020 grading policies implemented in response to the COVID-19 pandemic (see Definitions and Notes section for details). Since those grading policies only applied to the Spring 2020 term, we would expect grades to return to their usual pattern in 2020/21.

Table 3: Average Undergraduate Course Grades Awarded and Percentage of "A" Grades Awarded, by Course Faculty – Lower Division

Course Faculty	Average Course Grades		% "A" Grades Awarded	
	2019/20	**10-Year Average**	**2019/20**	**10-Year Proportion**
Applied Sciences	2.86	2.71	32.0%	27.1%
Arts and Social Sciences	2.87	2.66	26.3%	19.0%
Business	2.80	2.59	21.9%	15.3%
Communication, Art and Technology	3.14	3.02	33.7%	28.5%
Education	3.49	3.13	56.6%	38.3%
Environment	3.08	2.78	36.0%	24.3%
Health Sciences	3.06	2.95	35.0%	28.7%
Science	2.72	2.56	25.0%	21.5%
University Total	2.89	2.70	28.6%	22.1%

LONG-TERM COMPARISONS AND TRENDS WITHIN FACULTIES[3]:

Comparing the average lower division grades awarded over the last ten years[4]:

- Applied Sciences (APSC):
  - Two new subjects were offered for the first time in 2019/20 (Technology (TEKX), and Sustainable Energy Engineering (SEE)). As neither subject had any course offerings in the previous nine years, the 10-year averages are not discussed.
  - Chinese (CHIN) has awarded the highest 10-year average lower division grade.
  - Mathematics and Computing Science (MACM) awarded grades considerably below the 10-year faculty average.

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[3] Faculties with only one subject at the lower division level are not discussed in this section since there are no comparisons to make.
[4] excluding subjects that awarded five or fewer grades in the most recent fiscal year, or awarded five or fewer grades in all previous fiscal years combined

- Arts and Social Sciences (ARTS):
  - The seven subjects in the Faculty of Arts and Social Sciences to award the highest average grades in the last ten years are all language subjects (Punjabi (PUNJ), First Nations Languages (FNLG), Persian (PERS), Greek (GRK), Arabic (ARAB), Chinese (CHIN), and Italian (ITAL)). Note that averages in several of these subjects are based on less that ten years of data: ARAB, FNLG, GRK, PERS, and PUNJ. Furthermore, the averages for ARAB, PERS, and PUNJ are based on a relatively small number of grades.
  - Economics (ECON) courses have awarded the lowest average lower division grades.

- Business (BUS):
  - Over the last ten years, lower division courses in Business Administration and Economics (BUEC) have awarded a lower average grade than those in Business Administration (BUS).

- Communication, Art and Technology (CAT):
  - Publishing (PUB) awarded the highest average lower division grade over the last 10 years.
  - Communication (CMNS) and Interactive Arts and Technology (IAT) courses have awarded the lowest average lower division grades.

- Education (EDUC):
  - On average, Education (EDUC) courses have awarded considerably higher lower division grades than Foundations of Academic Literacy (FAL) courses.

- Environment (ENV):
  - A new subject, Planning (PLAN), was offered for the first time in 2019/20. As no courses were offered prior to this year, the 10-year average is not discussed.
  - Courses in the Environment (ENV) subject have awarded the highest average lower division grades over the last ten years. Note, this average is based on only seven years of grades data and five of these years had very few grades.
  - Archaeology (ARCH) courses have awarded the lowest average lower division grades. This average is only slightly lower than the faculty average.

- Science (SCI):
  - Other than courses with the DATA and SCI subject codes (which awarded few grades each year), the highest average lower division grades were awarded in Biomedical Physiology and Kinesiology (BPK) courses.
  - The lowest average lower division grades were awarded in Actuarial Mathematics (ACMA) and Mathematics (MATH).

CURRENT COMPARISONS AND TRENDS WITHIN FACULTIES[3]:

2019/20 Average Lower Division Course Grades:

- Applied Sciences (APSC):
  - The highest average lower division course grade awarded in 2019/20 was in Technology (TEKX) courses. Note, this is based on very few grades. Other than TEKX courses, the highest average lower division grade awarded in 2019/20 was in Chinese (CHIN) courses.

- o The lowest average lower division course grade awarded in 2019/20 was in Computing Science (CMPT).

- Arts and Social Sciences (ARTS):
    - o Other than PUNJ (which has very few grades awarded in 2019/20), the highest average lower division grade awarded in 2019/20 was in Japanese (JAPN).
    - o The top nine highest average lower division grades awarded in 2019/20 were all in language subjects (Punjabi (PUNJ), Japanese (JAPN), Persian (PERS), Greek (GRK), Italian (ITAL), Arabic (ARAB), Spanish (SPAN), German (GERM), and First Nations Languages (FNLG)).
    - o The lowest average lower division grades awarded in 2019/20 were in Economics (ECON), Global Asia (GA), and Gerontology (GERO). Note, the average grade in GERO is based on very few grades.

- Business (BUS):
    - o In 2019/20, lower division courses in Business Administration and Economics (BUEC) have awarded a lower average grade than those in Business Administration (BUS).
    - o In 2019/20, two large BUEC courses were moved to different subjects leading to a large drop in the number of BUEC grades awarded.

- Communication, Art and Technology (CAT):
    - o The highest average grades awarded in lower division courses in 2019/20 were in Publishing (PUB) and Contemporary Arts (CA).
    - o The lowest average lower division grade awarded in 2019/20 was in Interactive Arts and Technology (IAT).

- Education (EDUC):
    - o In 2019/20, the average lower division grade awarded in courses with the Education (EDUC) subject were considerably higher than those in Foundations of Academic Literacy (FAL).
    - o The large drop in the number of FAL grades awarded in 2019/20 was due to a change in SFU's admission requirements and issues around the English 12 provincial exam, which resulted in decreased enrolment in this subject.

- Environment (ENV):
    - o The highest average lower division grade awarded in 2019/20 was in Sustainable Development (SD) courses.
    - o The lowest average lower division grade awarded in 2019/20 was in Resource and Environmental Management (REM) courses.

- Science (SCI):
    - o Other than courses with the DATA and SCI subject codes (which awarded few grades in 2019/20), the highest average lower division grades awarded in 2019/20 were in Molecular Biology and Biochemistry (MBB), Biomedical Physiology and Kinesiology (BPK), and Physics (PHYS).
    - o The lowest average lower division grade awarded in 2019/20 was in Foundations of Analytical and Quantitative Reasoning (FAN).

Large Changes in 2018/19 to 2019/20 Average Lower Division Course Grades:

- Keeping in mind that 2019/20 grades may not be comparable to grades from other years (see the Definitions and Notes section for details), the following subjects have seen large changes (of at least 0.25) in the average lower division grade awarded from last year to this year:

  - Increases: Persian (PERS; 2.97 to 3.59), Japanese (JAPN; 3.30 to 3.63), Philosophy (PHIL; 2.66 to 2.99), Earth Sciences (EASC; 2.52 to 2.83), Mechatronic Systems Engineering (MSE; 2.86 to 3.15), and Punjabi (PUNJ; 3.53 to 3.80). Note, PERS and PUNJ average grades are based on few grades.
  - Decreases: Environment (ENV; 3.78 to 3.14), Science (SCI; 3.90 to 3.30), Actuarial Mathematics (ACMA; 3.13 to 2.57), Data Science (DATA; 4.04 to 3.64), Arts and Social Sciences (FASS; 3.07 to 2.78), and First Nations Languages (FNLG; 3.61 to 3.34). Note, ENV, SCI, ACMA, and FASS average grades are based on few grades.

III.A.2 – Upper Division Course Grades (Courses Numbered 300-499 Inclusive)

FACULTY COMPARISONS (see Table 4 and Figure B):

- The Faculty of Education (EDUC) awarded the highest average upper division course grades in each of the last ten years (10-year average grade: 3.57).

- After Education, the Beedie School of Business (BUS) and the faculties of Communication, Art and Technology (CAT), Health Sciences (HSCI), and Environment (ENV) have awarded the highest average upper division grades over the past ten years (10-year averages in the range of 3.07 to 3.21).

- The remaining faculties have consistently awarded lower average upper division grades (10-year averages in the range of 2.92 to 2.96).

- EDUC has awarded the highest percent of "A" grades in each of the last ten years (10-year average percent: 64.8%). EDUC has also awarded the lowest percent of "F" grades in eight of the past ten years.

- Average upper division course grades increased in every faculty from 2018/19 to 2019/20. This is the expected pattern, in light of the Spring 2020 grading policies implemented in response to the COVID-19 pandemic (see Definitions and Notes section for details). Since those grading policies only applied to the Spring 2020 term, we would expect grades to return to their usual pattern in 2020/21.

Figure B
Average Undergraduate Course Grades Awarded by Faculty:
Upper Division

Notes: In order to better show the variation in the data, the y–axis above does not run from 0.00 to 4.33.
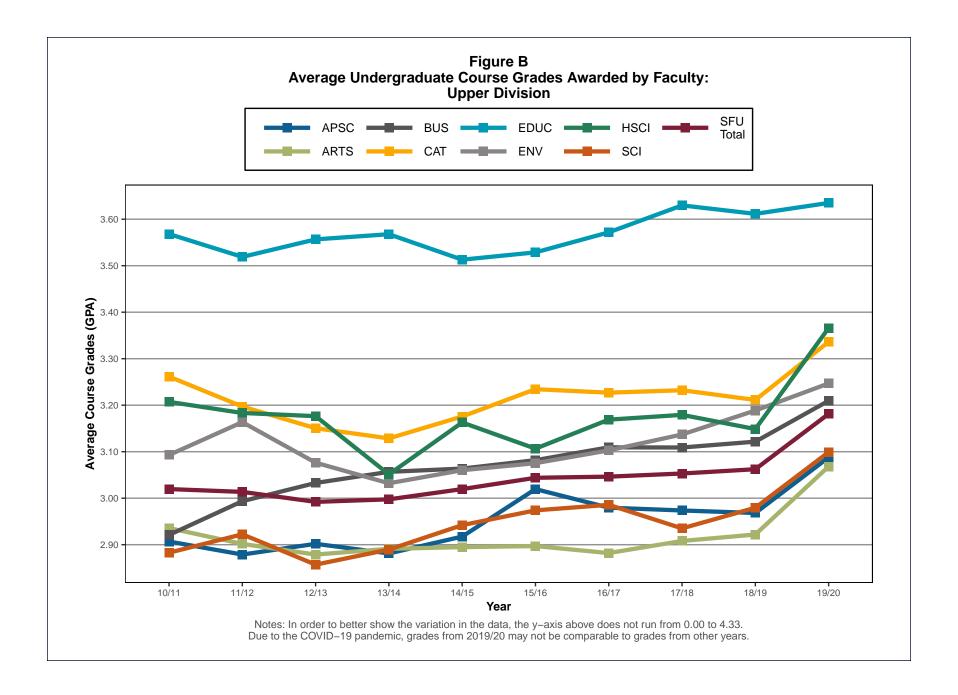Due to the COVID–19 pandemic, grades from 2019/20 may not be comparable to grades from other years.

Table 4: Average Undergraduate Course Grades Awarded and Percentage of "A" Grades Awarded, by Course Faculty – Upper Division

Course Faculty	Average Course Grades		% "A" Grades Awarded	
	2019/20	10-Year Average	2019/20	10-Year Proportion
Applied Sciences	3.09	2.96	38.1%	33.2%
Arts and Social Sciences	3.07	2.92	33.0%	27.4%
Business	3.21	3.07	36.5%	31.1%
Communication, Art and Technology	3.34	3.21	44.2%	38.1%
Education	3.63	3.57	68.0%	64.8%
Environment	3.25	3.12	43.0%	37.1%
Health Sciences	3.37	3.17	51.0%	38.5%
Science	3.10	2.95	38.5%	32.7%
University Total	3.18	3.04	39.6%	33.8%

LONG-TERM COMPARISONS AND TRENDS WITHIN FACULTIES[5]:

Comparing the average upper division grades awarded over the last ten years[6]:

- Applied Sciences (APSC):
  - Mechatronic Systems Engineering (MSE) courses awarded the highest average upper division grades.
  - Computing Science (CMPT) courses awarded the lowest average upper division grades over the last ten years.

- Arts and Social Sciences (ARTS):
  - The highest average upper division grades have been awarded in Dialogue (DIAL).
  - Business Administration and Economics (BUEC) courses have awarded average upper division grades considerably below the faculty average.

- Communication, Art and Technology (CAT):
  - Contemporary Arts (CA) awarded the highest average upper division grades over the past ten years.
  - Publishing (PUB) and Interactive Arts and Technology (IAT) awarded the lowest average upper division grades.

- Environment (ENV):
  - Over the past ten years, Environmental Science (EVSC) courses have awarded the highest average upper division grades. Note, this average is based on only six years of data and three of those years have very few grades.
  - Geography (GEOG) has awarded the lowest average upper division course grades.

[5] Faculties with only one subject at the upper division level are not discussed in this section since there are no comparisons to make.
[6] excluding subjects that awarded five or fewer grades in the most recent fiscal year, or awarded five or fewer grades in all previous fiscal years combined

- Science (SCI):
    - Other than Data Science (DATA) and Marine Science (MASC), which have few upper division grades awarded each year, Biomedical Physiology and Kinesiology (BPK) has awarded the highest average upper division grades.
    - Mathematics and Computing Science (MACM) has awarded the lowest average upper division grades.

CURRENT COMPARISONS AND TRENDS WITHIN FACULTIES[5]:

2019/20 Average Upper Division Course Grades:

- Applied Sciences (APSC):
    - Mechatronic Systems Engineering (MSE) courses awarded the highest average upper division grade in 2019/20.
    - Engineering Science (ENSC) and Computing (CMPT) awarded the lowest average upper division grades in 2019/20.

- Arts and Social Sciences (ARTS):
    - Other than Japanese (JAPN; which awarded few upper division grades in 2019/20), Dialogue (DIAL) awarded the highest average upper division grade in 2019/20.
    - Hellenic Studies (HS) awarded the lowest average upper division grade in 2019/20.

- Communication, Art and Technology (CAT):
    - In 2019/20, Contemporary Arts (CA) awarded the highest average upper division grade.
    - Interactive Arts and Technology (IAT) awarded the lowest average upper division grade in 2019/20.

- Environment (ENV):
    - Environmental Science (EVSC) courses awarded the highest average upper division grades in 2019/20.
    - Geography (GEOG), Resource and Environmental Management (REM) and Archaeology (ARCH) awarded the lowest average upper division grades in 2019/20.

- Science (SCI):
    - Other than Data Science (DATA) and Marine Science (MASC; which have few upper division grades awarded), Biomedical Physiology and Kinesiology (BPK) and Molecular Biology and Biochemistry (MBB) have awarded the highest average upper division grades in 2019/20.
    - Mathematics and Computing Science (MACM) has awarded the lowest average upper division grades in 2019/20.

Large Changes in 2018/19 to 2019/20 Average Upper Division Course Grades:

- Keeping in mind that 2019/20 grades may not be comparable to grades from other years (see the Definitions and Notes section for details), the following subjects have seen large changes (of at least 0.25) in the average upper division grade awarded from last year to this year:

   - Increases: Environmental Science (EVSC; 3.30 to 3.86), Nuclear Science (NUSC; 2.73 to 3.15), Marine Science (MASC; 3.51 to 3.88), and Statistics (STAT; 2.85 to 3.11). Note, NUSC and MASC average grades are based on few grades.
   - Decreases: Italian (ITAL; 3.44 to 3.06) and Environment (ENV; 3.71 to 3.39). Note, the average grade in ITAL is based on few grades.

III.A.3 – General Observations (All Undergraduate Courses)

- In 2019/20, the average undergraduate grade awarded was 3.02. This is an unusually large increase from the 2018/19 average of 2.89. This is the expected pattern, in light of the Spring 2020 grading policies implemented in response to the COVID-19 pandemic (see Definitions and Notes section for details). Since those grading policies only applied to the Spring 2020 term, we would expect grades to return to their usual pattern in 2020/21.
- The average undergraduate grade awarded over the past ten years is 2.84.
- In most faculties, average undergraduate grades have been slowly increasing over the past decade, particularly at the lower division level.
- Over the past ten years, upper division courses have consistently awarded higher average grades than lower division courses in all faculties.

III.B – Undergraduate Course Grades by Student Faculty (see Table 5 and Figure C)

This section summarizes the 2019/20 undergraduate course grade distributions within each faculty, controlling for the faculty of undergraduate students enrolled in the courses.[7]

Table 5: 2019/20 Average Undergraduate Course Grades Awarded and Percentage of "A" Grades Awarded, by Faculty of Student
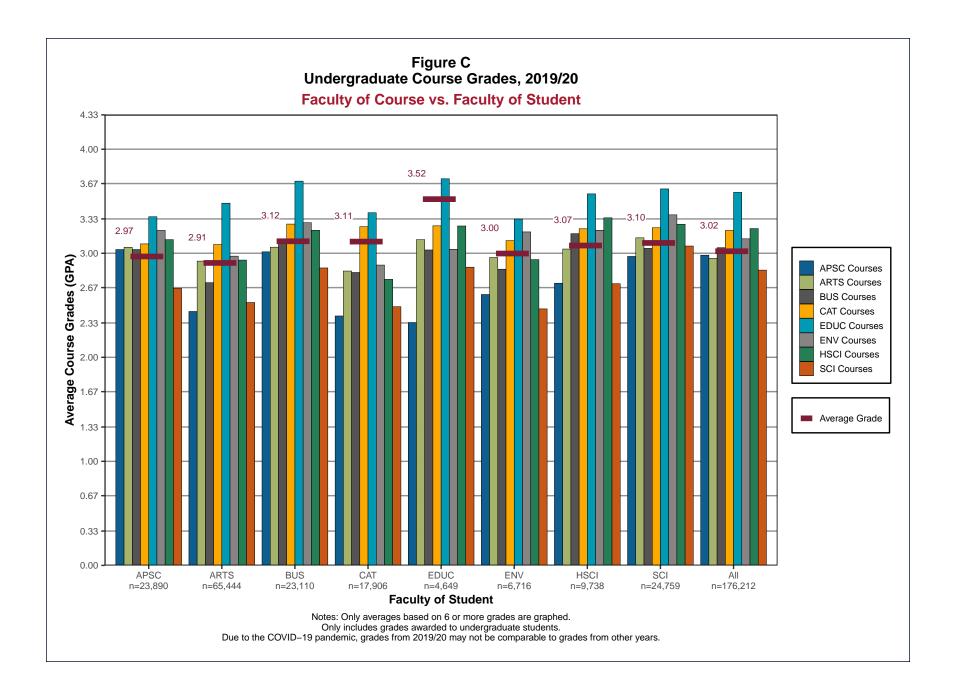
Faculty of Student	Average Course Grades	% "A" Grades Awarded
Applied Sciences	2.97	33.9%
Arts and Social Sciences	2.91	27.9%
Business	3.12	34.4%
Communication, Art and Technology	3.11	35.6%
Education	3.52	61.6%
Environment	3.00	33.8%
Health Sciences	3.07	36.8%
Science	3.10	38.4%
All Undergraduate Students	3.02	33.5%

By Faculty of Students:

- Students from all faculties most frequently took courses from their own faculties.

- Students from the Faculty of Education (EDUC) were awarded the highest grades on average in 2019/20.

- Students from the Beedie School of Business (BUS) and the faculties of Communication, Art and Technology (CAT), Science (SCI), and Health Sciences (HSCI) were awarded average grades from 3.07 to 3.12.

- Students from the faculties of Environment (ENV), Applied Sciences (APSC), and Arts and Social Sciences (ARTS) were awarded the lowest average grades in 2019/20, with an average course grade of 3.00, 2.97, and 2.91, respectively.

- Students in all faculties were awarded their highest average grades in courses taught in the Faculty of Education (EDUC).

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[7] Keep in mind that 2019/20 grades may not be comparable to grades from other years; see the Definitions and Notes section for details.

Figure C
Undergraduate Course Grades, 2019/20
Faculty of Course vs. Faculty of Student

Notes: Only averages based on 6 or more grades are graphed.
Only includes grades awarded to undergraduate students.
Due to the COVID–19 pandemic, grades from 2019/20 may not be comparable to grades from other years.

By Faculty of Courses:

- Courses in all faculties were most frequently taken by students from that faculty.

- In courses offered by the faculties of Arts and Social Sciences (ARTS), Environment (ENV), and Science (SCI), students from SCI were awarded the highest average grades in 2019/20.

- In courses offered by the Beedie School of Business (BUS) and the Faculty of Health Sciences (HSCI), students from HSCI were awarded the highest average grades in 2019/20.

- In courses offered by the Faculty of Applied Sciences (APSC), students from APSC were awarded the highest average grades in 2019/20.

- In courses offered by the Faculty of Communication, Art and Technology (CAT), students from the Beedie School of Business (BUS) were awarded the highest average grades in 2019/20.

- In courses offered by the Faculty of Education (EDUC), students from EDUC were awarded the highest average grades in 2019/20.

III.C – Graduate Course Grades[8]

FACULTY COMPARISONS (see Table 6 and Figure D):

- The Faculty of Education (EDUC) and the Faculty of Environment (ENV) awarded the highest average graduate course grades in nine of the past ten years. In 2019/20, the Faculty of Science (SCI) surpassed ENV for the second highest average graduate-level course grade. The 10-year average graduate course grades for EDUC and ENV are 3.95 and 3.94, respectively.

- With the next highest average grades over the past decade, the faculties of Science (SCI), Communication, Art and Technology (CAT), and Health Sciences (HSCI) awarded average graduate-level grades of 3.87, 3.86, and 3.84, respectively.

- The faculties of Arts and Social Sciences (ARTS) and Applied Sciences (APSC) have generally awarded lower average graduate grades than all other faculties except Business (10-year averages of 3.73 and 3.71, respectively).

- The Beedie School of Business (BUS) has awarded the lowest average graduate-level course grades in each of the past ten years, with a 10-year average grade of 3.51.

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[8] Keep in mind that 2019/20 grades may not be comparable to grades from other years; see the Definitions and Notes section for details.

Figure D
Average Graduate Course Grades Awarded by Faculty

Notes: In order to better show the variation in the data, the y–axis above does not run from 0.00 to 4.33.
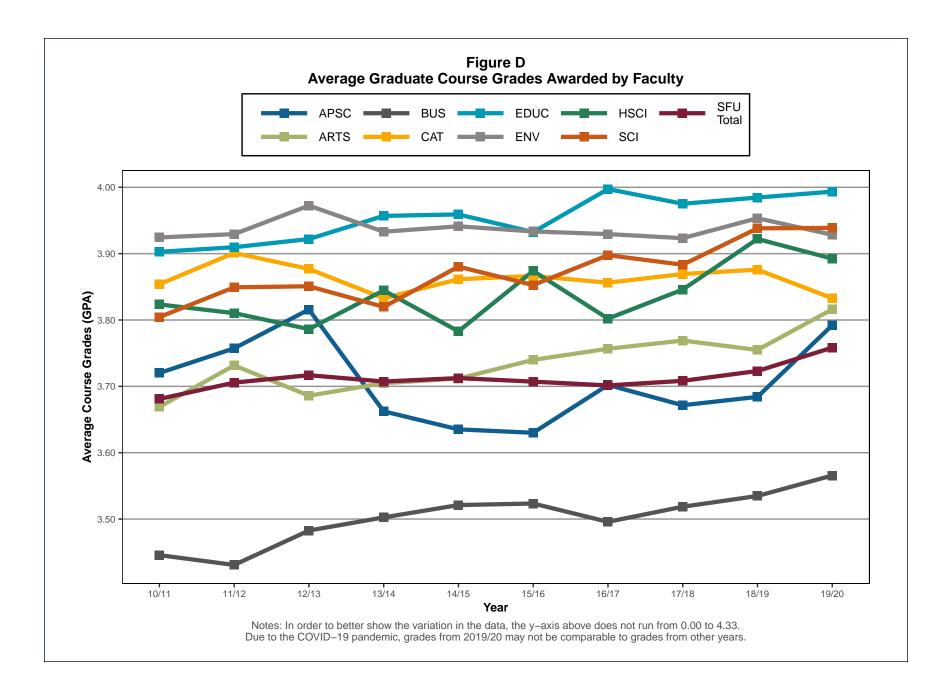Due to the COVID–19 pandemic, grades from 2019/20 may not be comparable to grades from other years.

Table 6: Average Graduate Course Grades Awarded and Percentage of "A" Grades Awarded, by Course Faculty

Course Faculty	Average Course Grades		% "A" Grades Awarded	
	2019/20	10-Year Average	2019/20	10-Year Proportion
Applied Sciences	3.79	3.71	77.6%	74.2%
Arts and Social Sciences	3.82	3.73	82.2%	77.0%
Business	3.57	3.51	53.9%	50.2%
Communication, Art and Technology	3.83	3.86	87.0%	88.0%
Education	3.99	3.95	95.7%	93.2%
Environment	3.93	3.94	94.6%	94.2%
Health Sciences	3.89	3.84	91.2%	87.1%
Science	3.94	3.87	89.1%	85.7%
University Total	3.76	3.71	74.3%	72.0%

LONG-TERM COMPARISONS AND TRENDS WITHIN FACULTIES[9]:

Comparing the average graduate course grades awarded over the last ten years[10]:

- Applied Sciences (APSC):
    - A new subject was offered for the first time in 2019/20 (Sustainable Energy Engineering (SEE)). As this subject didn't have any course offerings in the previous nine years, the 10-year average is not discussed.
    - Mechatronic Systems Engineering (MSE) and Engineering Science (ENSC) have awarded the highest average graduate-level course grades over the past ten years.
    - Computing Science (CMPT) has awarded the lowest average graduate course grade.

- Arts and Social Sciences (ARTS):
    - Psychology (PSYC) awarded the highest average graduate course grades over the past ten years.
    - Applied Legal Studies (ALS) awarded the lowest average graduate course grades.

- Communication, Art and Technology (CAT):
    - Over the past ten years, all subjects within CAT have awarded similar average graduate course grades.

- Environment (ENV):
    - All subjects within the Faculty of Environment (ENV) have awarded similar average graduate course grades, with the exception of the Environment subject (ENV). Note, Geography (GEOG) and Archaeology (ARCH) have awarded very few grades at the graduate level over

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[9] Faculties with only one subject at the graduate level are not discussed in this section, since there are no comparisons to make.
[10] excluding subjects that awarded five or fewer grades in the most recent fiscal year, or awarded five or fewer grades in all previous fiscal years combined

the past ten years. Also, the ENV subject is based on only two years of grades data and neither year has very many grades awarded.

- Science (SCI):
    - A new subject was introduced in 2019/20 (Neuroscience (NEUR)). As it was not offered prior to this year, the 10-year average is not discussed.
    - Biological Sciences (BISC), Molecular Biology and Biochemistry (MBB), and Biomedical Physiology and Kinesiology (BPK) awarded the highest 10-year average grades in graduate-level courses. Note, BPK awarded very few grades at the graduate level over the past ten years.
    - Physics (PHYS) and Actuarial Mathematics (ACMA) awarded the lowest average graduate course grades. Note, ACMA awarded very few grades in each of the past ten years.

CURRENT COMPARISONS AND TRENDS WITHIN FACULTIES[9]:

2019/20 Average Course Grades:

- Applied Sciences (APSC):
    - Other than Sustainable Energy Engineering (SEE; which didn't award many graduate course grades in 2019/20), Engineering Science (ENSC) awarded the highest average graduate course grade in 2019/20.
    - In 2019/20, Mechatronic Systems Engineering (MSE) awarded the lowest average graduate-level course grade.

- Arts and Social Sciences (ARTS):
    - Psychology (PSYC) awarded the highest average graduate course grade in 2019/20.
    - In 2019/20, the lowest average graduate course grades were awarded in Applied Legal Studies (ALS) and International Studies (IS).

- Communication, Art and Technology (CAT):
    - Contemporary Arts (CA) and Communication (CMNS) awarded the highest average graduate course grades in 2019/20.
    - Interactive Arts and Technology (IAT) awarded the lowest average graduate-level course grade in 2019/20.

- Environment (ENV):
    - Ecology (ECO), Geography (GEOG), and Resource and Environmental Management (REM) awarded the highest average graduate course grades in 2019/20. Note, GEOG didn't have many graduate course grades awarded in 2019/20.
    - Archaeology (ARCH) and the ENV subject code awarded the lowest average graduate course grade. Note, the ENV subject didn't award many graduate grades in 2019/20.

- Science (SCI):
    - Biological Sciences (BISC) and Molecular Biology and Biochemistry (MBB) awarded the highest average graduate course grades in 2019/20.

- o Other than Actuarial Mathematics and Physics (ACMA and PHYS; which awarded very few graduate course grades in 2019/20), the lowest average graduate course grade was awarded in Applied Mathematics (APMA).

Large changes in 2018/19 to 2019/20 Average Graduate Course Grades:

- Keeping in mind that 2019/20 grades may not be comparable to grades from other years (see the Definitions and Notes section for details), the following subjects have seen large changes (of at least 0.25) in the average graduate course grade awarded from last year to this year:

  - o Increases: Gerontology (GERO; 3.56 to 3.82) and English (ENGL; 3.73 to 3.99). Note, the average grade in GERO is based on few grades.
  - o Decreases: Actuarial Mathematics (ACMA; 3.70 to 3.00) and Archaeology (ARCH; 4.11 to 3.85). Note, the average grades in ACMA and ARCH are based on few grades.

GENERAL OBSERVATIONS:

- In 2019/20, the average graduate grade awarded was 3.76, which is slightly higher than last year. The average graduate grade awarded at the university has been fairly stable over the last ten years, with a slight increasing trend in the last two years.
- The average graduate grade awarded over the past ten years is 3.71.