The following Motions and Documents were considered by the GFCAcademic Planning Committee at its Wednesday, January 13, 2016 meeting:

## Agenda Title: Proposed Changes to existing Admission Requirements for High School Applicants, Office of the Registrar

CARRIED MOTION: THAT Academic Planning Committee approve, under delegated authority from General Faculties Council, the proposed changes to existing admission requirements as recommended by the Academic Standards Committee, and as set forth in Attachment 1, for implementation in 2017-2018 (with publication in the University Calendar in 2016-2017).

Final Item: 4

## OUTLINE OF ISSUE

## Agenda Title: Proposed Changes to existing Admission Requirements for High School Applicants

Motion: THAT Academic Planning Committee approve, under delegated authority from General Faculties Council, the proposed changes to existing admission requirements as recommended by the Academic Standards Committee, and as set forth in Attachment 1, for implementation in 2017-2018 (with publication in the University Calendar in 2016-2017).

## Item

| Action Requested | ØApproval $\square$ Recommendation $\square$ Discussion/Advice $\square$ Information |
| :--- | :--- |
| Proposed by | Lisa Collins, Vice-Provost and University Registrar |
| Presenter | Melissa Casey, Acting Deputy Registrar, Office of the Registrar |
| Subject | Proposed changes to classification of high school courses used for <br> admission to undergraduate programs |

## Details

| Responsibility | Provost and Vice-President (Academic) |
| :--- | :--- |
| The Purpose of the Proposal is <br> (please be specific) | To approve proposed changes which will allow students to use <br> Aboriginal Studies 30 with Social Studies 30-1 on an admission, and <br> clarify that only 5 credit courses will be used for admission purposes. |
| The Impact of the Proposal is | See above. |
| Replaces/Revises (eg, policies, <br> resolutions) | University Calendar Admission Chart 1, Classification of High School <br> Courses Used for Admission; Admission Chart 3 Substitution of High <br> School-Level Course Requirements; Section 14.3.3 Transition Year <br> Program for Aboriginal Applicants; 16.13 Faculty of Physical Education <br> and Recreation; 16.13.2 Bachelor of Science in Kinesiology <br> (BScKin);16.13.3 Combined Bachelor of Kinesiology/Bachelor of <br> Education (BKin/BEd) (Elementary or Secondary Routes); 16.13.4 <br> Bachelor of Arts in Recreation, Sport and Tourism (BARST); 16.15.1 <br> Bachelor of Science (BSc) (General); 16.15.3 BSc (Honors); 16.15.4 <br> Bachelor of Science (Specialization) |
| Timeline/Implementation Date | For implementation in 2017-2018 (with publication in the University <br> Calendar in 2016-2017). |
| Estimated Cost | N/A |
| Sources of Funding | N/A |
| Notes | This proposal is recommended for approval by the GFC Academic <br> Standards Committee which considered it on December 17, 2015. |

Alignment/Compliance

| Alignment with Guiding <br> Documents | Dare to Discover, Dare to Deliver |
| :--- | :--- |
| Compliance with Legislation, <br> Policy and/or Procedure <br> Relevant to the Proposal <br> (please quote legislation and <br> include identifying section <br> numbers) | 1.Post-Secondary Learning Act (PSLA): The PSLA gives GFC <br> responsibility, subject to the authority of the Board of Governors, <br> over academic affairs. Further, the PSLA gives the Board of <br> Governors authority over certain admission requirements and rules <br> respecting enrolment. The Board has delegated its authority over <br> admissions requirements and rules respecting enrolment to GFC <br> and the GFC ASC (Academic Standards Committee). (Sections <br> 26(1), 60(1)(c) and (d)). |

2. GFC Academic Standards Committee (ASC) Terms of Reference (3. Mandate of the Committee):

## A. Definitions

ii. "Substantial"
[...]"the term "substantial" refers to proposals which involve or affect more than one Faculty or unit; are part of a proposal for a new program; are likely to have a financial impact; represent a definite departure from current policy; involve a quota; articulate a new academic concept."

## B. Admission and Transfer, Academic Standing, Marking and Grading, Term Work, Examinations, International Baccalaureate (IB), Advanced Placement (AP)

iv. "ASC provides advice or recommends to the GFC Academic Planning Committee (APC) on proposals which involve substantial change to admission/transfer regulations or academic standing regulations."

## 3. UAPPOL Admissions Policy:

"Admission to the University of Alberta is based on documented academic criteria established by individual Faculties and approved by GFC. This criteria may be defined in areas such as subject requirements, minimum entrance averages, and language proficiency requirements. In addition to academic requirements for admission, GFC authorizes each Faculty to establish such other reasonable criteria for admission of applicants as the Faculty may consider appropriate to its programs of study, subject to the approval of GFC (e.g. interview, audition, portfolio, etc.)

The admission requirements for any Faculty will be those approved by GFC as set forth in the current edition of the University Calendar. In addition to the admission requirements, selection criteria for quota programs, where they exist, will also be published in the current edition of the University Calendar.

The responsibility for admission decisions will be vested in the Faculty Admission Committees or in the Deans of the respective Faculties, as the councils of such Faculties will determine."
3. UAPPOL Admissions Procedure:

## "PROCEDURE

## 1. EFFECTIVE DATE OF CHANGES TO ADMISSION

REGULATIONS
Following approval by GFC:
a. Where changes to admission regulations may disadvantage students in the current admission cycle, normally implementation will be effective after the change has been published in the University Calendar for one full year (i.e., effective the second year that the information is published in the University Calendar).

|  | For example, a change approved in May 2005 would be first published in <br> the 2006-2007 University Calendar in March 2006. Therefore the <br> statement cannot come into effect until September 2007 (affecting <br> applicants who apply for the September 2007 term beginning July <br> 2006)." b. Where changes to admission regulations are deemed by <br> the approving body to be "advantageous to students", normally the <br> date of implementation will be effective immediately or at the next <br> available intake for the admitting Faculty." |
| :--- | :--- |
|  | 4. GFC Academic Planning Committee Terms of Reference (3. <br> Mandate of the Committee) |
|  | "7. Admission, Transfer and Academic Standing <br> a. To consider advice or recommendation from the GFC ASC on <br> proposals for the establishment of or change to general University <br> admission or transfer policies affecting students, including policies <br> affecting Open Studies students, and to act for GFC in approving policies <br> which in APC's view are minor or routine; and to recommend to GFC on <br> proposals involving major change. <br> b. To consider advice or recommendation from GFC ASC on <br> proposals which involve substantial change to admission/transfer <br> regulations or to academic standing regulations." |

Routing (Include meeting dates)

| Participation: <br> (parties who have seen the <br> proposal and in what capacity) | November 27, 2015 Advisory Committee on Enrolment Management <br> (ACEM) meeting (Consultation) <br> Transition Year Program Coordinator <br> Nat Kav, Vice-Provost (Academic Programs and Instruction) Office of the <br> - Those who have been <br> informed <br> Provost and Vice-President Academic (consultation) <br> Those who have been <br> consulted <br> Those who are actively <br> participating |
| :--- | :--- |
| GFC Academic Standards Committee (for discussion and <br> recommendation) - December 17, 2015 |  |
| Approval Route (Governance) <br> (including meeting dates) | GFC Academic Standards Committee - December 17, 2015 <br> GFC Academic Planning Committee - January 13, 2016 |
| Final Approver | GFC Academic Planning Committee - January 13, 2016 |

1. Attachment 1 (page(s) 1-8) Calendar Changes

Prepared by: Kate Peters, Portfolio Initiatives Manager, Office of the Provost and Vice-President (Academic) peters3@ualberta.ca

## Office of the Registrar 2016-2017 Calendar changes

## Current

## Admissions Chart 1 Classification of High School Courses Used for Admission

Grade 12 courses listed below are based on the Alberta Education curriculum and nomenclature. Prospective students who completed high school education outside Alberta should review the Admission Course Equivalents for acceptable high school courses in the three categories at www.admissions.ualberta.ca. English Language Proficiency is an admission requirement for all Faculties, with the exception of Faculté Saint-Jean which requires French (see §13.3.1). In addition to English Language Arts 30-1, acceptable Alberta academic Grade 12 courses have been placed in three groups below. Faculties may accept other Grade 12 courses not contained in these three groups. Please see Faculty admission requirements (§16) for each program of study for further information.
If Final Grade 12 marks are not available at the time when an admission decision is made, marks from Final Grade 11 or Interim Grade 12 prerequisites to the following courses may be used.

| Grade 12 Courses |  |  |
| :--- | :--- | :--- |
| Group A (Humanities/Social Sciences, <br> Languages other than English) <br> Social Studies 30-1 <br> 30-level Language other than English (see <br> Aotes 1, 2 and 3) <br> Aboriginal Studies 30 (cannot be used for <br> admission with Social Studies 30-1) | Group B (Fine Arts) <br> Applied Graphic Arts 35 <br> Art 30 <br> Art 31 <br> Communication Technology Advanced <br> Level-Career and Technology Studies <br> (CTS) (5 credits) <br> Dance 35 <br> Drama 30 <br> Music 30 [Choral, Instrumental or <br> General (5 credits)] (see Note 4) <br> Music 35 <br> Musical Theatre 35 <br> Performing Arts 35 A, B, or C <br> Additional Fine Arts courses may be <br> considered. For more information, contact <br> the Admissions Division, Office of the <br> Registrar. | Group C (Maths/Sciences) <br> Biology 30 <br> Chemistry 30 <br> Mathematics 30-1 <br> Mathematics 30-2 (see Note 5) <br> Mathematics 31 <br> Physics 30 <br> Science 30 <br> Computing Science (CSE) <br> Advanced Level-Career and <br> Technology Studies (CTS) (5 <br> credits) |

## Notes

1. Any one French 30 ( 3 year or 9 year), French 31A, 31B, 31C; French Language Arts 20-1, 30-1, 30-2; Français 20-1, 30-1, 30-2 may be used as a 30 -level Language course for admission purposes. In the case of French Language Arts 30-1, Français 30-1, and French 31A, 31B, or 316, advanced placement may be granted upon application. Applicants to Faculté Saint-Jean must present one of French 30 (9 year), French 31A, 31B, 31C; French Language Arts 30-1, 30-2; Français 30-1, 30-2, to meet the French requirement for admission purposes.
2. Blackfoot Language and Culture 30; Cree Language and Culture 30; Chinese Language Arts 20, 30; Chinese Language and Culture 30; German Language Arts 20, 30; German Language and Culture 30; Italian Language and Culture 30; Japanese Language and Culture 30; Latin 30; Spanish Language Arts 20, 30; Spanish Language and Culture 30; Ukrainian Language Arts 20, 30; and Ukrainian Language and Culture 30 may be used as 30 -level Language courses for admission. There are a number of 35 -level, locally developed language courses which may also be used for admission. Applicants wishing to present a 35-level Language course should contact the Admissions Division, Office of the Registrar.
3. Applicants wishing to present a language other than one of those presented at the Grade 12 level in Alberta should contact the Admissions Division, Office of the Registrar.
4. Equivalents of Music 30: Conservatory Canada, Grade 8 Practical and Grade IV Theory; Royal Conservatory of Music of Toronto, Grade 8 Practical, Grade II Theory, Mount Royal University, Grade 8 Practical and Grade II Theory. Documents must be presented to Alberta Education for evaluation.
5. Mathematics 30-2 will be accepted as a Group C admission subject to some programs. For further information, please see Faculty admission requirements (§16) for each program of study.

## Proposed

## Admissions Chart 1 Classification of High School Courses Used for Admission

Grade 12 courses listed below are based on the Alberta Education curriculum and nomenclature.

- In addition to English Language Arts 30-1, acceptable Alberta academic Grade 12 courses have been placed in three groups below.
- Prospective students who completed high school education outside Alberta should review the Provincial Admission Course Equivalents for acceptable high school courses in the three categories at www.admissions.ualberta.ca.
- English Language Proficiency is an admission requirement for all Faculties, with the exception of Faculté Saint-Jean which requires French (see §13.3.1).
- Faculties may accept other Grade 12 courses not contained in these three groups. Please see Faculty admission requirements (§16) for each program of study for further information.
- Only 5-credit courses will be used for admission purposes.
- If Final Grade 12 marks are not available at the time when an admission decision is made, marks from Final Grade 11 or Interim Grade 12 prerequisites to the following courses may be used.

| Grade 12 Courses |  |  |
| :--- | :--- | :--- |
| Group A (Humanities/Social Sciences, | Group B (Fine Arts) <br> Applied Graphic Arts 35 | Group C (Maths/Sciences) <br> Languages other than English) <br> Social Studies 30-1 30 <br> 30-level Language other than English <br> Aboriginal Studies 30 <br> Art 31 <br> Chemistry 30 <br> Communication Technology Advanced <br> Mathematics 30-1 <br> Mathematics 30-2 (see Note 5) <br> Mathematics 31 <br> Physics 30 <br> Science 30 <br> Computing Science (CSE) <br> (CTS) <br> Advanced Level-Career and <br> Dance 35 Technology Studies <br> Drama 30 <br> Music 30 [Choral, Instrumental or General <br> (see Note 2) <br> Music 35 <br> Mushnology Studies (CTS) |
| Muscal Theatre 35 |  |  |
| Performing Arts 35 A, B, or C |  |  |
| Additional Fine Arts courses may be |  |  |
| considered. For more information, contact |  |  |
| the Admissions Division, Office of the |  |  |
| Registrar. |  |  |

## Notes

1. Applicants wishing to present either a 35 -level Language or a language other than one of those presented at the Grade 12 level in Alberta should contact the Admissions Unit, Office of the Registrar.
2. Equivalents of Music 30: Conservatory Canada, Grade 8 Practical and Grade IV Theory; Royal Conservatory of Music of Toronto, Grade 8 Practical, Grade II Theory, Mount Royal University, Grade 8 Practical and Grade II Theory. Documents must be presented to Alberta Education for evaluation.
3. Mathematics $30-2$ will be accepted as a Group C admission subject to some programs. For further information, please see Faculty admission requirements (§16) for each program of study.
4. If Final Grade 12 marks are not available at the time when an admission decision is made, marks from Final Grade 11 or Interim Grade 12 prerequisites to the following courses may be used.

## Current

## Admission Chart 3 Substitution of High School-Level Course Requirements

Admissions Chart 3 sets out the transferable postsecondary credit which will be substituted in cases where applicants do not present, for the programs to which applications are being made, the appropriate High School-level courses based on the Alberta Education curriculum. Prospective students who completed high school education from outside Alberta should review the Admission Course Equivalents for acceptable high school courses in the three categories at www.admissions.ualberta.ca.

| Grade 12 Courses | Group A | Group B | Group C |
| :---: | :---: | :---: | :---: |
|  | English Language Arts 30-1 30-level Language other than English Social Studies 30-1 | Applied Graphic Arts 35 <br> Art 30 <br> Art 31 <br> Communication Technology <br> Advanced Level-Career and <br> Technology Studies (CTS) (5 <br> credits) <br> Dance 35 <br> Drama 30 <br> Music 30 (Choral, <br> Instrumental or General) (5 <br> credits) <br> Music 35 <br> Musical Theatre 35 <br> Performing Arts 35 A, B, or C | Mathematics 30-1 <br> Mathematics 31 <br> Chemistry 30 <br> Physics 30 <br> Biology 30 <br> Science 30 <br> Computing Science (CSE) Advanced Level-Career and Technology Studies (CTS) (5-credits) |
| Number of Transferable Postsecondary Credits | Group A | Group B | Group C |
|  | English (*3) <br> Language other than English (*3) <br> Humanities or Social Sciences (*3) | Fine Arts (*3) as 1-10 above | Mathematics (Algebra) (*3) <br> Mathematics (Calculus) (*3) <br> Chemistry (*3) <br> Physics (*3) <br> Biology (includes Botany, Genetics, <br> Microbiology, Zoology) (*3) <br> Any Science course (*3) <br> Any Computing Science course (*3) |

## Proposed

Admission Chart 3 Substitution of High School-Level Course Requirements
Admissions Chart 3 sets out the transferable postsecondary credit which will be substituted in cases where applicants do not present, for the programs to which applications are being made, the appropriate High School-level courses based on the Alberta Education curriculum. Prospective students who completed high school education from outside Alberta should review the Provincial Admission Course Equivalents for acceptable high school courses in the three categories at www.admissions.ualberta.ca. Only 5-credit courses will be used for admission purposes.
$\left.\begin{array}{|l|l|l|l|}\hline \text { Grade 12 Courses } & \text { Group A } & \text { Group B } & \text { Group C } \\ \hline & \begin{array}{l}\text { English Language Arts 30-1 } \\ \text { 30-level Language other } \\ \text { than English } \\ \text { Social Studies 30-1 }\end{array} & \begin{array}{l}\text { Applied Graphic Arts 35 } \\ \text { Art 30 } \\ \text { Art 31 } \\ \text { Communication Technology } \\ \text { Advanced Level-Career and } \\ \text { Technology Studies (CTS) } \\ \text { Dance 35 } \\ \text { Drama 30 } \\ \text { Music 30 (Choral, } \\ \text { Instrumental or General) } \\ \text { Music 35 } \\ \text { Musical Theatre 35 } \\ \text { Performing Arts 35 A, B, or C }\end{array} & \begin{array}{l}\text { Mathematics 30-1 } \\ \text { Mathematics 31 } \\ \text { Chemistry 30 } \\ \text { Physics 30 } \\ \text { Biology 30 } \\ \text { Science 30 } \\ \text { Computing Science (CSE) Advanced } \\ \text { Level-Career and Technology Studies } \\ \text { (CTS) }\end{array} \\ \hline \begin{array}{l}\text { Number of Transferable } \\ \text { Postsecondary Credits }\end{array} & \text { Group A } & \text { Group B } & \text { Group C } \\ \hline & \begin{array}{l}\text { English (*3) } \\ \text { Language other than } \\ \text { English (*3) } \\ \text { Humanities or Social } \\ \text { Sciences (*3) }\end{array} & \text { Fine Arts (*3) as 1-10 above } & \begin{array}{l}\text { Mathematics (Algebra) (*3) } \\ \text { Mathematics (Calculus) (*3) } \\ \text { Chemistry (*3) }\end{array} \\ \text { Physics (*3) } \\ \text { Biology (includes Botany, Genetics, } \\ \text { Microbiology, Zoology) (*3) } \\ \text { Any Science course (*3) } \\ \text { Any Computing Science course (*3) }\end{array}\right\}$

admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Subject from Group A or C
(3) Subject from Group A or C
(4) Subject from Group C
(5) Subject from Group B, C, or Physical Education 30 (5 credit), or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS) (5-credits).
[...]

### 16.13.2 Bachelor of Science in Kinesiology (BScKin)

I. High School Applicants

Applicants must present a minimum average of $70 \%$ or equivalent based on the following subject requirements.
Possession of this minimum average does not guarantee admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Chemistry 30
(3) Mathematics 30-1
(4) Physics 30
(5) Biology 30 or Physical Education 30 ( 5 credit), or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS) (5 credits).
[...]

### 16.13.3 Combined Bachelor of Kinesiology/Bachelor of Education (BKin/BEd) (Elementary or Secondary Routes)

To gain admission to the first three years of the Combined Degrees program, students apply for admission to the Faculty of Physical Education and Recreation.
I. High School Applicants

Applicants must present a minimum average of $70 \%$ or equivalent based on the following subject requirements.
Possession of this minimum average does not guarantee admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Subject from Group A or C
(3) Subject from Group A or C
(4) Subject from Group C
(5) Subject from Group B, C, or Physical Education 30 (5-credit), or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS) (5 credits).
[...]

### 16.13.4 Bachelor of Arts in Recreation, Sport and Tourism (BARST)

I. High School Applicants

Applicants must present a minimum average of $70 \%$ or equivalent based on the following subject requirements.
Possession of this minimum average does not guarantee admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Subject from Group A or C
admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Subject from Group A or C
(3) Subject from Group A or C
(4) Subject from Group C
(5) Subject from Group B, C, or Physical Education 30 (5credit), or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS).
Note: Only 5-credit courses will be used for admission purposes.
[...]

### 16.13.2 Bachelor of Science in Kinesiology (BScKin)

I.

High School Applicants
Applicants must present a minimum average of 70\% or equivalent based on the following subject requirements.
Possession of this minimum average does not guarantee admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Chemistry 30
(3) Mathematics 30-1
(4) Physics 30
(5) Biology 30 or Physical Education 30, or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS).
Note: Only 5 -credit courses will be used for admission purposes.

## [...]

### 16.13.3 Combined Bachelor of Kinesiology/Bachelor of

 Education (BKin/BEd) (Elementary or Secondary Routes)To gain admission to the first three years of the Combined Degrees program, students apply for admission to the Faculty of Physical Education and Recreation.
I. High School Applicants

Applicants must present a minimum average of $70 \%$ or equivalent based on the following subject requirements.
Possession of this minimum average does not guarantee admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Subject from Group A or C
(3) Subject from Group A or C
(4) Subject from Group C
(5) Subject from Group B, C, or Physical Education 30, or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS).
Note: Only 5-credit courses will be used for admission purposes.

## [...]

### 16.13.4 Bachelor of Arts in Recreation, Sport and Tourism (BARST)

I. High School Applicants

Applicants must present a minimum average of $70 \%$ or equivalent based on the following subject requirements.
Possession of this minimum average does not guarantee admission to the program.
Subject Requirements
(1) English Language Arts 30-1 (grade of at least 60\%)
(2) Subject from Group A or C
(3) Subject from Group A or B
(4) Subject from Group C (Biology 30 recommended)
(5) Subject from Group A, C, or Physical Education 30 (5-credit), or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS) (5 credits).

### 16.15.1 Bachelor of Science (BSc) (General)

## I. High School Applicants

High school applicants will be considered for admission based on their average on the required five admission subjects outlined below. See $\S 14.1$ for minimum grade and admission average requirements.
Note: Students should be aware that their chosen program may contain courses for which there are specific Grade 12
prerequisites that must be met in addition to the subjects used for admission. Please
see uofa.ualberta.ca/science/programs/undergraduate/admission-to-science/high-school-admission/course-pre-requisites for more information.

## Required Admission Subjects

(1) English Language Arts 30-1.
(2) Mathematics 30-1.
(3) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30;

Computing Science (CSE) Advanced Level-Career and
Technology Studies (CTS) (5 Credits).
(4) Subject from Group A, B, or C
II. Nonmatriculated Applicants

Nonmatriculated applicants are considered for admission based on their average on the three admission subjects noted below.

## Required Admission Subjects

(1) Mathematics 30-1.
(2) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30;

Computing Science (CSE) Advanced Level-Career and
Technology Studies (CTS) ( 5 Credits).
(3) Presentation of Faculty competitive average on (1) and (2).
(4) Presentation of no more than *6 of postsecondary level course
work. Any applicant who has completed more than *6 of postsecondary level course work will be considered a transfer applicant.
(5) Presentation of minimum AGPA if any postsecondary level course work is presented.

## [...]

### 16.15.3 BSc (Honors)

Admission to the first year of an Honors program requires a minimum application average of $80 \%$ on the required five admission subjects outlined below.
Note: Students should be aware that their chosen program may contain courses for which there are specific Grade 12
prerequisites that must be met in addition to the subjects used for admission. Please
see uofa.ualberta.ca/science/programs/undergraduate/admission -to-science/high-school-admission/course-pre-requisites for more information.
Unless otherwise stated in Admission Chart 7, the required admission subjects for the BSC (Honors) are:
(1) English Language Arts 30-1.
(2) Mathematics 30-1.
(3) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30;

Computing Science (CSE) Advanced Level-Career and
Technology Studies (CTS) (5-Credits).
(4) Subject from Group A, B, or C
(3) Subject from Group A or B
(4) Subject from Group C (Biology 30 recommended)
(5) Subject from Group A, C, or Physical Education 30, or Recreation Leadership (REC) Advanced Level-Career and Technology Studies (CTS).
Note: Only 5-credit courses will be used for admission purposes.
16.15.1 Bachelor of Science (BSc) (General)
I. High School Applicants

High school applicants will be considered for admission based on their average on the required five admission subjects outlined below. See $\S 14.1$ for minimum grade and admission average requirements.
Note: Students should be aware that their chosen program may contain courses for which there are specific Grade 12
prerequisites that must be met in addition to the subjects used for admission. Please
see uofa.ualberta.ca/science/programs/undergraduate/admission-to-science/high-school-admission/course-pre-requisites for more information.

## Required Admission Subjects

(1) English Language Arts 30-1.
(2) Mathematics 30-1.
(3) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30; Computing Science (CSE) Advanced Level-Career and Technology Studies (CTS).
(4) Subject from Group A, B, or C

Note: Only 5-credit courses will be used for admission purposes.

## II. Nonmatriculated Applicants

Nonmatriculated applicants are considered for admission based on their average on the three admission subjects noted below.

## Required Admission Subjects

(1) Mathematics 30-1.
(2) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30; Computing Science (CSE) Advanced Level-Career and Technology Studies (CTS).
(3) Presentation of Faculty competitive average on (1) and (2).
(4) Presentation of no more than *6 of postsecondary level course work. Any applicant who has completed more than *6 of postsecondary level course work will be considered a transfer applicant.
(5) Presentation of minimum AGPA if any postsecondary level course work is presented.
Note: Only 5 -credit courses will be used for admission purposes

## [...]

### 16.15.3 BSc (Honors)

Admission to the first year of an Honors program requires a minimum application average of $80 \%$ on the required five admission subjects outlined below.
Note: Students should be aware that their chosen program may contain courses for which there are specific Grade 12
prerequisites that must be met in addition to the subjects used for admission. Please
see uofa.ualberta.ca/science/programs/undergraduate/admission -to-science/high-school-admission/course-pre-requisites for more information.
Unless otherwise stated in Admission Chart 7, the required admission subjects for the BSc (Honors) are:
(1) English Language Arts 30-1.
(2) Mathematics 30-1.
(3) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30;

Computing Science (CSE) Advanced Level-Career and
Technology Studies (CTS).
(4) Subject from Group A, B, or C

Students need not apply to Honors or Specialization in the first year and may instead apply to the BSc (General Science) program and take *18-*30 (in each Fall/Winter) and an appropriate selection of courses as required by the regulations of their desired Honors or Specialization four-year program. Students may then apply in any subsequent year for transfer into an Honors or Specialization program by submitting an Application for
Readmission and Internal Transfer to the Office of the Registrar by the application deadline. Admission beyond first year requires a minimum GPA and course load in each of the preceding Fall/Winters (refer to Admission Chart 7 for specific details for each program).

### 16.15.4 Bachelor of Science (Specialization)

Admission to the first year of a Specialization program requires a minimum application average of $75 \%$ on the required five admission subjects outlined below.
Note: Students should be aware that their chosen program may contain courses for which there are specific Grade 12 prerequisites that must be met in addition to the subjects used for admission. Please
see uofa.ualberta.ca/science/programs/undergraduate/admission-to-science/high-school-admission/course-pre-requisites for more information.
Unless otherwise stated in Admission Chart 7, the required admission subjects for the BSc (Specialization) are:
(1) English Language Arts 30-1.
(2) Mathematics 30-1.
(3) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30;

Computing Science (CSE) Advanced Level-Career and
Technology Studies (CTS) (5-Credits).
(4) Subject from Group A, B, or C

Students need not apply to Honors or Specialization in the first year and may instead apply to the BSc (General Science) program and take *18-*30 (in each Fall/Winter) and an appropriate selection of courses as required by the regulations of their desired Honors or Specialization four-year program. Students may then apply in any subsequent year for transfer into an Honors or Specialization program by submitting an Application for Readmission and Internal Transfer to the Office of the Registrar by the application deadline. Admission beyond first year requires a minimum GPA and course load in each of the preceding Fall/Winters (refer to Admission Chart 7 for specific details for each program).

### 16.15.4 Bachelor of Science (Specialization)

Admission to the first year of a Specialization program requires a minimum application average of $75 \%$ on the required five admission subjects outlined below.
Note: Students should be aware that their chosen program may contain courses for which there are specific Grade 12 prerequisites that must be met in addition to the subjects used for admission. Please
see uofa.ualberta.ca/science/programs/undergraduate/admission-to-science/high-school-admission/course-pre-requisites for more information.
Unless otherwise stated in Admission Chart 7, the required admission subjects for the BSc (Specialization) are:
(1) English Language Arts 30-1.
(2) Mathematics 30-1.
(3) Two of Biology 30; Chemistry 30; Mathematics 31; Physics 30; Computing Science (CSE) Advanced Level-Career and Technology Studies (CTS).
(4) Subject from Group A, B, or C

Note: Only 5-credit courses will be used for admission purposes.

