CONCURRENT EDUCATION DEGREE REQUIREMENTS

The Concurrent Education program prepares secondary school graduates to become educators (B.Ed.). Candidates complete Education courses concurrently with courses in the Faculty of Arts and Science, leading towards one of the following undergraduate honours degrees:

1. Bachelor of Arts Honours and Bachelor of Education (BA(Hons)/B.Ed.)
2. Bachelor of Fine Art (Honours) and Bachelor of Education (B.F.H./B.Ed.)
3. Bachelor of Music and Bachelor of Education (BMus/B.Ed.)
4. Bachelor of Science Honours and Bachelor of Education (BSc(Hons)/B.Ed.)

The Queen’s and Queen’s-Trent Concurrent Education programs are distinct programs while the student is taking their Arts & Science courses at the respective universities. Transfers are not permitted. Note that admissions to the Queen’s-Trent program have been suspended as of 2014-15.

The Director of Student and Support Services (Faculty registrar) will inform the Registrar of the Ontario College of Teachers (https://www.oct.ca/) when a teacher candidate has successfully completed the program. Graduating teacher candidates who plan to teach in Ontario must formally register to become members of the College and be awarded the Certificate of Qualification and Registration as a teacher.

Program Components and Format

Candidates will select either the Primary-Junior (JK-Grade 6) or the Intermediate-Senior (Grades 7-12) program option at the end of the first year. Candidates normally devote the entire fourth year to the completion of the BA(Hons), B.F.H., BMus, BSc(Hons) degree.

The practicum includes eight weeks of school placement in the first three years, and 18 weeks of school-based and alternate practicum in the final year.

Program Tracks

Concurrent Education teacher candidates completing the final year of their Arts, Fine Art, Music or Science program may apply to be in one of three Program Tracks in their fourth year: Aboriginal Teacher Education, Artist in Community Education, and Outdoor and Experiential Education. If they do not choose to apply to a Program Track, they will choose a concentration instead. For information about how to apply, see: How to Apply.

Degree Requirements for Those Who Entered Con.Ed. in 2014 or earlier

Concurrent Primary-Junior Degree Requirements

Registration in Education courses in subsequent years is contingent upon:

1. Successful completion of Education courses in current year; and
2. Maintaining an adequate academic standing in the undergraduate Honours degree program (refer to Regulations and Policies: Concurrent Education, Academic Standing).

Pre-Final Year

Please click here (https://educ.queensu.ca/course-descriptions/) for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRAC 110</td>
<td>Experiences in Education Year 1</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 110</td>
<td>Self As Teacher</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td><strong>Units</strong></td>
<td><strong>4.50</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRAC 210</td>
<td>Experiences in Education Year 2</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 210</td>
<td>Self as Learner</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td><strong>Units</strong></td>
<td><strong>4.50</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRAC 310</td>
<td>Introduction to Schools Year 3</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 310</td>
<td>Self as Professional</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td><strong>Units</strong></td>
<td><strong>4.50</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Final Year Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURR 355</td>
<td>Language and Literacy (PJ)</td>
<td>3.00</td>
</tr>
<tr>
<td>CURR 383</td>
<td>Elementary Mathematics (PJ)</td>
<td>3.00</td>
</tr>
<tr>
<td>CURR 385</td>
<td>Social Studies (PJ)</td>
<td>1.50</td>
</tr>
<tr>
<td>CURR 387</td>
<td>Science and Technology (PJ)</td>
<td>3.00</td>
</tr>
<tr>
<td>CURR 395</td>
<td>Health &amp; Physical Educ (PJ)</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Select two from the following:

<table>
<thead>
<tr>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
</tr>
</tbody>
</table>
### Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST</td>
<td></td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI</td>
<td></td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Foundational Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 100</td>
<td>Psychological Foundations of Education</td>
<td>1.00</td>
</tr>
<tr>
<td>FOUN 101</td>
<td>Foundations of Assessment</td>
<td>1.00</td>
</tr>
<tr>
<td>FOUN 102</td>
<td>Historical and Philosophical Foundations</td>
<td>1.00</td>
</tr>
</tbody>
</table>

### Practicum

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRAC 420</td>
<td>Practicum (PJ)</td>
<td>1.50</td>
</tr>
<tr>
<td>PRAC 430</td>
<td>Practicum (PJ)</td>
<td>2.00</td>
</tr>
<tr>
<td>PRAC 440</td>
<td>Practicum (PJ)</td>
<td>2.00</td>
</tr>
<tr>
<td>PRAC 450</td>
<td>Alternative Practicum (PJ)</td>
<td>1.50</td>
</tr>
</tbody>
</table>

### Professional Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROF 171</td>
<td>School and Classroom Leadership</td>
<td>0.00</td>
</tr>
<tr>
<td>PROF 181</td>
<td>School Law and Policy</td>
<td>0.00</td>
</tr>
<tr>
<td>PROF 410</td>
<td>Theory and Professional Practice (PJ)</td>
<td>1.50</td>
</tr>
</tbody>
</table>

**Total Units:** 32.50

---

### Final Year: Indigenous Teacher Education (ITEP)

Please click here for descriptions for the courses listed below.

#### Code | Title                                      | Units |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 201</td>
<td>Theory of Indigenous Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 201</td>
<td>Indigenous Teacher Education</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Total Units:** 6.00

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ).

Final-year requirement for Concurrent ITEP Primary-Junior: 31.5 units
Total degree requirements for Concurrent ITEP Primary-Junior: 45.0 units
Total extended degree requirements for ITEP Concurrent Primary-Junior: 61.0 units

---

ITEP Practicum Format

ITEP Practicum Format Campus-based candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur where possible, in a designated First Nations Associate School or in a school with a significant Indigenous student population within the Queen’s catchment area, with an OCT certified teacher in good
standing. Candidates admitted prior to 2015-16 who opt to enroll in the final term of the extended program, will return to their original Associate School for the summer practicum component.

**Final Year: Artist in Community Education (ACE)**

Please click here (https://educ.queensu.ca/course-descriptions/) for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 222</td>
<td>The Artist in Society</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 222</td>
<td>Artist In Community Education</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ).

Final-year requirement for Concurrent ACE Primary-Junior: 31.5 units
Total degree requirements for Concurrent ACE Primary-Junior: 45.0 units
Total extended degree requirements for ACE Concurrent Primary-Junior: 61.0 units

**ACE Practicum Format**

Candidates in the ACE program are placed in an Associate School in the Queen's catchment area for all practicum components in the fall and winter terms, as well as summer term (for those admitted prior to 2015-16 who opt to enroll in the final term of the extended program). The Alternative Practicum is spent in a situation related to the artist's field such as artist-in-residence in a local school, working as an apprentice in an educational office in an Ontario gallery or theatre, or preparing an Arts program for implementation.

Final-year requirement for Concurrent OEE Primary-Junior: 31.5 units
Total degree requirements for Concurrent OEE Primary-Junior: 45.0 units
Total extended degree requirements for OEE Concurrent Primary-Junior: 61.0 units

**OEE Practicum Format**

OEE candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur in an Ontario Outdoor or Experiential Education setting with an OCT certified teacher in good standing. Candidates will return to their original Associate School for the summer practicum component.

Degree requirements are subject to change without notice.

**Concurrent Primary-Junior Final Year Entry Requirements**

Entrance into final year is contingent upon completion of each of the following items. Candidates must complete the requirements for the year in which they entered the program.

**Final Year Prerequisites**

The following must be complete by June 30 preceding entry to final year:

1. Complete all prerequisite Year 1 to 3 PJ Concurrent Education courses; **and**
2. Honours degree (B.A.H., B.F.H., B.Mus, or B.Sc.H.); **and**

**Queen's** – Most undergraduate Honours degrees require 120 units. Teacher Candidates in a 114 unit degree must take one additional full-year course before entering final year.

**Queen's-Trent** – Must complete a 20 unit Honours degree.
3. Have a minimum of a B- average on their best 10 full-year courses or equivalent in half-year courses (60 units at Queen's).
4. Complete a half-year course in Developmental Psychology; **or** a full-year course in Introductory Psychology.

**Queen's Concurrent -** If you completed all of your courses at Queen's, you do not need to send an official transcript from Queen's to the Concurrent Education Assistant. We will print your Queen's transcript and verify that you graduated in the spring 2015 convocation from your Arts and Science undergraduate degree.

**Queen's-Trent Concurrent -** You do not need to send an official transcript. The Queen's-Trent Program Administrator
will send your Trent academic summary to Queen's on your behalf.

1 Only offered at Queen's.

**Queen's Concurrent Primary-Junior Final Year Entry Recommendations**

Ontario Primary-Junior curriculum incorporates content and pedagogy in all of the following six discipline areas. We highly recommend that Teacher Candidates take at least a half-year 100-level and above course in your undergraduate degree in each of the six areas:

<table>
<thead>
<tr>
<th>Discipline Area</th>
<th>Acceptable Queen's Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>ENGL, CWRT, WRIT, LING</td>
</tr>
</tbody>
</table>
| Mathematics     | Any MATH or STAT are acceptable. 
Note: Applied statistics courses from other disciplines, such as psychology, may be acceptable as a related STAT course. For example, ECON 250, SOCY 211, and PSYC 202, PHYS 312, AND PHYS 313. These courses are listed as exclusions of STAT courses so they are acceptable as related STAT courses. Science |
| Science         | Any of Anatomy, Biology, Biochemistry, Chemistry, Geology, Microbiology, Physics, Physiology or a combination of these sciences. ENSC 305, 315, ENSC 390, GPHY 210, 207, 208, 209, 210, 303, 304, 306, 307, 308, 310, 311, 313, 314, 315, 318, 368, 442, HLTH 230, PHAR 100, PSYC 205, 215, 202, 251, 271, 272, 471, 472, 473, 475 are also acceptable. |
| The Arts        | Any of visual arts, music, drama, film studies, Shakespeare, children's literature. |

**Queen's-Trent Concurrent Primary-Junior Final Year Entry Recommendations**

Ontario Primary-Junior curriculum incorporates content and pedagogy in all of the following six discipline areas. We HIGHLY recommend that Teacher Candidates take at least a half-year 1000-level and above course in your undergraduate degree in each of the six areas:

<table>
<thead>
<tr>
<th>Discipline Area</th>
<th>Acceptable Queen's Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>ENGL and MODL linguistics courses</td>
</tr>
</tbody>
</table>
| Mathematics     | Any MATH or STAT are acceptable. MATH 2080Y has been designed for elementary teachers. 
Note: Applied statistics courses from other disciplines, such as psychology, may be acceptable as a related STAT course. For example, applied statistics courses GEOG- BIOL-ERSC 2080H, PSYC 2018 and 2019H and SOCI3160H are accepted. |
| Science         | Any of Biology, Chemistry, Physics, or Environmental Resource Science (not Environmental Resource Studies courses. PHYS 2091H, 2093H and ERSC 2701H, 2702H have been designated for elementary teachers. |

**Geography or Canadian History**

Any course from the Department of History's approved list of History courses with Canadian Content, as outlined on the following website: http://www.queensu.ca/history/undergraduate/courseinfo/canadiancontent.html. Also acceptable are DEVS 100, 240, 311, CNDS 200 are acceptable.

| Health and/or Physical Education | Examples of courses may include health issues, sociology or psychology of sport, human biology (ANAT and PHGY), PSYC 332 |

[Queens's-Trent Concurrent Primary-Junior Final Year Entry Requirements](queensu.ca/academic-calendar)
The Arts
1. Any courses listed under Intermediate-Senior Dramatic
Arts, or
2. Any courses listed under Intermediate-Senior Visual
Arts, or
3. Any of the following Trent University Courses: CUST 1510H, 2045Y, 2081Y, 3146Y,
3081Y, 3185Y, ENGL 2810Y, 2811H, 3155H, INDG 2020H, or
4. Royal Conservatory of Music Grade 8 Practical and
Grade 2 Theory

Geography or Canadian History
Any GEOG or Canadian HIST

Health and/or Physical Education
Not available in Queen's-Trent Program

Refer to the Ontario Ministry of Education elementary
curriculum documents for more information on these
disciplines: http://www.edu.gov.on.ca/eng/curriculum/
elementary/grades.html

If teacher candidates have questions on whether an
undergraduate course meets the Queen's recommendations
for Primary-Junior, contact their respective Concurrent
Education Office PRIOR to taking the course. Teacher
candidates who seek advice on course recommendations
should obtain a confirmation of that discussion in writing.

Note: Many upper year courses require the prior successful
completion of first year or lower level courses. Check your
specific Arts and Science university calendar for details.

Concurrent Intermediate-Senior Degree
Requirements
Registration in Education courses in subsequent years is
contingent upon:

1. successful completion of Education courses in current
year; and
2. maintaining an adequate academic standing in the
undergraduate Honours degree program (refer to
Regulations and Policies: Concurrent Education, Academic
Standing).

Pre-Final Year
Please click here (https://educ.queensu.ca/course-
descriptions/) for descriptions for the courses listed
below.
Concurrent Education Degree Requirements

Final Year: Indigenous Teacher Education (ITEP)
Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 201</td>
<td>Theory of Indigenous Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 201</td>
<td>Indigenous Teacher Education</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 451 Alternative Practicum IS/TE.

Final-year requirement for Concurrent ITEP Intermediate-Senior: 28.5 units
Total degree requirements for Concurrent ITEP Intermediate-Senior: 42.0 units
Total extended degree requirements for ITEP Concurrent Intermediate-Senior: 58.0 units

ITEP Practicum Format
ITEP Practicum Format Campus-based candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur where possible, in a designated First Nations Associate School or in a school with a significant Indigenous student population within the Queen's catchment area, with an OCT certified teacher in good standing. Candidates admitted prior to 2015-16 who opt to enroll in the final term of of the extended program, will return to their original Associate School for the summer practicum component.

Final Year: Artist in Community Education (ACE)
Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 222</td>
<td>The Artist in Society</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 222</td>
<td></td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 451 Alternative Practicum IS/TE.

Final-year requirement for Concurrent ACE Intermediate-Senior: 49.5 units
Total degree requirements for Concurrent ACE Intermediate-Senior: 63.0 units
ACE Practicum Format
Candidates in the ACE program are placed in an Associate School in the Queen's catchment area for all practicum components in the fall and winter terms, as well as summer term (for those admitted prior to 2015-16 who opt to enroll in the final term of the extended program). The Alternative Practicum is spent in a situation related to the artist's field such as artist-in-residence in a local school, working as an apprentice in an educational office in an Ontario gallery or theatre, or preparing an Arts program for implementation.

Final Year: Outdoor and Experiential Education (OEE)
Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 260</td>
<td>Understanding the Principles and Programs in Outdoor and Experiential Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 260</td>
<td>Outdoor &amp; Experiential Ed</td>
<td>3.00</td>
</tr>
<tr>
<td>Total Units</td>
<td></td>
<td>6.00</td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 451 Alternative Practicum IS/TE.

Final-year requirement for Concurrent OEE Intermediate-Senior: 28.5 units
Total degree requirements for Concurrent OEE Intermediate-Senior: 42.0 units
Total extended degree requirements for OEE Concurrent Intermediate-Senior: 58.0 units

OEE Practicum Format
OEE candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur in an Ontario Outdoor or Experiential Education setting with an OCT certified teacher in good standing. Candidates will return to their original Associate School for the summer practicum component.

Degree requirements are subject to change without notice.

Concurrent Intermediate-Senior Final Year Entry Requirements
Entrance into final year is contingent upon completion of each of the following items. Candidates must complete the requirements for the year in which they entered the program.

Final Year Prerequisites
The following must be complete by June 30 preceding entry to final year:

1. Complete all prerequisite Year 1 to 3 IS Concurrent Education courses; and
2. Honours degree (B.A.H., B.F.H.\(^1\), BMus\(^1\), or BScH.); PSYC and
   Queen's – Most undergraduate Honours degrees require 120 units. Teacher Candidates in a 114 unit degree must take 6 additional units before entering final year. Queen's-Trent – Must complete a 20 unit Honours degree.
3. Have a minimum of a B- average on their best 10 full-year courses or equivalent in half-year courses (60 units at Queen's).
4. Complete a half-year course in Developmental Psychology; or a full-year course in Introductory Psychology.
5. Teaching Subject Requirements (see below for complete information)
6. Each course taken in preparation of a teaching subject may be used only once towards either teaching subject. “Double counting” is not acceptable.

Queensu.ca/academic-calendar

Concurrent Education Degree Requirements
7. Requirements for Courses Related to Teaching Subjects:
Often Teacher Candidates would like to take courses from a department other than the one that reflects their teaching subject. These types of courses may be “related” to the teaching subject. For example, Teacher Candidates who select History as a teaching subject may want to take a course from the Classics Department – CLST (Queen’s) / AHCL (Queen’s-Trent) (that is not listed in the following chart) rather than the Department of History – HIST to count toward their teaching subject. No more than one full-year course will be accepted from an outside department that reflects the teaching subject (this is called a “related” course for the teaching subject); and if a Teacher Candidate wishes to request that a course be counted as related to the teaching subject and the course is not listed in the following chart, the Teacher Candidate must request approval prior to taking the course (see section 8).

8. Approval of Any Course for Teaching Subject Requirements:
If Teacher Candidates would like to take a course outside the academic department which reflects the teaching subject and the course does not appear in the teaching subject requirements for Intermediate-Senior, which outlines previously approved related courses; or the Teacher Candidate would like to take a course at an institution other than the one they are attending:

a. the Teacher Candidate must send a written request to their respective Concurrent Education office with the course title, course code, and course description of that ‘related’ course for approval; and
b. this request must be approved by Student Services PRIOR to taking the course in order to ensure that the course will count toward the required courses for that teaching subject; and
c. the Queen’s Faculty of Education Student Services makes the final decision whether or not a course meets the requirement for that teaching subject. Teacher Candidates must have written confirmation prior to taking the course.

Some secondary school subjects are not offered through Queen's Faculty of Education (for example, business, family studies, Spanish, general science, guidance). For more information on curriculum and curriculum subjects, refer to the Ontario Ministry of Education curriculum documents. Secondary documents for grades 9-12 are found at: http://www.edu.gov.on.ca/eng/curriculum/secondary/subjects.html; grades 7-8 are found in the elementary curriculum documents at: http://www.edu.gov.on.ca/eng/curriculum/elementary/grades.html.

Degree Requirements for Those Who Entered Con.Ed. in 2015 or later

Concurrent Primary-Junior Degree Requirements
Registration in Education courses in subsequent years is contingent upon:

1. Successful completion of Education courses in current year; and
2. Maintaining an adequate academic standing in the undergraduate Honours degree program (refer to Regulations and Policies: Concurrent Education, Academic Standing).

Pre-Final Year
Please click here (https://educ.queensu.ca/course-descriptions/) for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRAC 110</td>
<td>Experiences in Education Year 1</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 110</td>
<td>Self As Teacher</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Units</strong></td>
<td></td>
<td><strong>4.50</strong></td>
</tr>
</tbody>
</table>

| Year 2 | | |
| PRAC 210 | Experiences in Education Year 2 | 1.50 |
| PROF 210 | Self as Learner | 3.00 |
| **Units** | | **4.50** |

| Year 3 | | |
| PRAC 310 | Introduction to Schools Year 3 | 1.50 |
| PROF 310 | Self as Professional | 3.00 |
| **Units** | | **4.50** |

| Total Units | | 13.50 |

Final Year
Curriculum

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURR 355</td>
<td>Language and Literacy (PJ)</td>
<td>3.00</td>
</tr>
</tbody>
</table>
Concurrent Education Degree Requirements

queensu.ca/academic-calendar

Total Degree Requirements for Concurrent Primary-Junior: 66.0 units

Final Year: Indigenous Teacher Education (ITEP)
Please click here (https://educ.queensu.ca/course-descriptions/) for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 201</td>
<td>Theory of Indigenous Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 201</td>
<td>Indigenous Teacher Education</td>
<td>3.00</td>
</tr>
<tr>
<td>Total Units</td>
<td></td>
<td>6.00</td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ).

Final-year requirement for Concurrent ITEP Primary-Junior: 52.5 units
Total degree requirements for Concurrent ITEP Primary-Junior: 66.0 units

ITEP Practicum Format
ITEP Practicum Format Campus-based candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur where possible, in a designated First Nations Associate School or in a school with a significant Indigenous student population within the Queen's catchment area, with an OCT certified teacher in good standing. Candidates will return to their original Associate School for the summer practicum component.

Final Year: Artist in Community Education (ACE)
Please click here (https://educ.queensu.ca/course-descriptions/) for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 222</td>
<td>The Artist in Society</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 222</td>
<td>Artist In Community Education</td>
<td>3.00</td>
</tr>
<tr>
<td>Total Units</td>
<td></td>
<td>6.00</td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ).

Final-year requirement for Concurrent ACE Primary-Junior: 52.5 units
Total degree requirements for Concurrent ACE Primary-Junior: 66.0 units

Concentrations combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ).

Final-year requirement for Concurrent Primary-Junior: 52.5 units
ACE Practicum Format
Candidates in the ACE program are placed in an Associate School in the Queen's catchment area for all practicum components in the fall and winter terms, as well as summer term (for those admitted prior to 2015-16 who opt to enroll in the final term of the extended program). The Alternative Practicum is spent in a situation related to the artist's field such as artist-in-residence in a local school, working as an apprentice in an educational office in an Ontario gallery or theatre, or preparing an Arts program for implementation.

Final Year: Outdoor and Experiential Education (OEE)
Please click (https://educ.queensu.ca/course-descriptions/) here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 260</td>
<td>Understanding the Principles and Programs in Outdoor and Experiential Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 260</td>
<td>Outdoor &amp; Experiential Ed</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ) Alternative Practicum.

Final-year requirement for Concurrent OEE Primary-Junior: 52.5 units
Total degree requirements for Concurrent OEE Primary-Junior: 66.0 units

OEE Practicum Format
OEE candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur in an Ontario Outdoor or Experiential Education setting with an OCT certified teacher in good standing. Candidates will return to their original Associate School for the summer practicum component.

*Degree requirements are subject to change without notice.

Concurrent Primary-Junior Final Year Entry Requirements
Entrance into final year is contingent upon completion of each of the following items. Candidates must complete the requirements for the year in which they entered the program.

Final Year Prerequisites
The following must be complete by June 30 preceding entry to final year:

1. Complete all prerequisite Year 1 to 3 PJ Concurrent Education courses; and
2. Honours degree (B.A.H., B.F.H.\(^1\), BMus\(^1\), or BScH.); and

Queen's - Most undergraduate Honours degrees require 120 units. Teacher Candidates in a 114 unit degree must take one additional full-year course before entering final year.

Queen's-Trent - Must complete a 20 unit Honours degree.

3. Have a minimum of a B- average on their best 10 full-year courses or equivalent in half-year courses (60 units at Queen's).
4. Complete a half-year course in Developmental Psychology; or a full-year course in Introductory Psychology.

Queen's Concurrent - If you completed all of your courses at Queen's, you do not need to send an official transcript from Queen's to the Concurrent Education Assistant. We will print your Queen's transcript and verify that you graduated in the spring 2015 convocation from your Arts and Science undergraduate degree.

Queen's-Trent Concurrent - You do not need to send an official transcript. The Queen's-Trent Program Administrator will send your Trent academic summary to Queen's on your behalf.

Queen's Concurrent Primary-Junior Final Year Entry Recommendations
Ontario Primary-Junior curriculum incorporates content and pedagogy in all of the following six discipline areas. We highly recommend that Teacher Candidates take at least a half-year 100-level and above course in your undergraduate degree in each of the six areas:

<table>
<thead>
<tr>
<th>Discipline Area</th>
<th>Acceptable Queen's Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>ENGL, CWRT, WRIT, LING</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Any MATH or STAT are acceptable. Note: Applied statistics courses from other disciplines, such as psychology, may be acceptable as a related STAT course. For example, ECON 250, SOCY 211, and PSYC 202, PHYS 312, AND PHYS 313. These courses are listed as exclusions of STAT courses so they are acceptable as related STAT courses.</td>
</tr>
</tbody>
</table>

Science
Science

Any of Anatomy, Biology, Biochemistry, Chemistry, Geology, Microbiology, Physics, Physiology or a combination of these sciences. ENSC 305, 315, ENSC 390, GPHY 210, 207, 208, 209, 210, 303, 304, 306, 307, 308, 310, 311, 313, 314, 315, 318, 368, 442, HLTH 230, PHAR 100, PSYC 205, 215, 202, 251, 271, 272, 471, 472, 473, 475 are also acceptable.

The Arts

Any of visual arts, music, drama, film studies, Shakespeare, children's literature.

Geography or Canadian History

Any course from the Department of History's approved list of History courses with Canadian Content, as outlined on the following website: http://www.queensu.ca/history/undergraduate/courseinfo/canadiancontent.html. Also acceptable are DEVS 100, 240, 311, CNDS 200 are acceptable.

Health and/or Physical Education

Examples of courses may include health issues, sociology or psychology of sport, human biology (ANAT and PHGY), PSYC 332

Queen's-Trent Concurrent Primary-Junior Final Year Entry Recommendations

Ontario Primary-Junior curriculum incorporates content and pedagogy in all of the following six discipline areas. We HIGHLY recommend that Teacher Candidates take at least a half-year 1000-level and above course in your undergraduate degree in each of the six areas:

<table>
<thead>
<tr>
<th>Discipline Area</th>
<th>Acceptable Queen's Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>ENGL and MODL linguistics courses</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Any MATH or STAT are acceptable. MATH 2080Y has been designed for elementary teachers.</td>
</tr>
<tr>
<td></td>
<td>Note: Applied statistics courses from other disciplines, such as psychology, may be</td>
</tr>
<tr>
<td></td>
<td>acceptable as a related STAT course. For example, applied statistics courses GEOG- BIOL-</td>
</tr>
<tr>
<td></td>
<td>ERSC 2080H, PSYC 2018 and 2019H and SOCI3160H are accepted.</td>
</tr>
<tr>
<td>Science</td>
<td>Any of Biology, Chemistry, Physics, or Environmental Resource Science (not Environmental</td>
</tr>
<tr>
<td></td>
<td>Resource Studies courses. PHYS 2091H, 2093H and ERSC 2701H,2702H have been designated for</td>
</tr>
<tr>
<td></td>
<td>elementary teachers.</td>
</tr>
<tr>
<td>The Arts</td>
<td>1. Any courses listed under Intermediate-Senior Dramatic Arts, or</td>
</tr>
<tr>
<td></td>
<td>2. Any courses listed under Intermediate-Senior Visual Arts, or</td>
</tr>
<tr>
<td></td>
<td>3. Any of the following Trent University Courses: CUST 1510H, 2045Y, 2081Y, 3146Y,</td>
</tr>
<tr>
<td></td>
<td>3081Y, 3185Y, ENGL 2810Y, 2811H, 3155H, INDG 2020H, or</td>
</tr>
<tr>
<td></td>
<td>4. Royal Conservatory of Music Grade 8 Practical and Grade 2 Theory</td>
</tr>
<tr>
<td>Geography or Canadian History</td>
<td>Any GEOG or Canadian HIST</td>
</tr>
<tr>
<td>Health and/or Physical Education</td>
<td>Not available in Queen's-Trent Program</td>
</tr>
</tbody>
</table>

Refer to the Ontario Ministry of Education elementary curriculum documents for more information on these disciplines: http://www.edu.gov.on.ca/eng/curriculum/elementary/grades.html

If teacher candidates have questions on whether an undergraduate course meets the Queen's recommendations for Primary-Junior, contact their respective Concurrent Education Office PRIOR to taking the course. Teacher candidates who seek advice on course recommendations should obtain a confirmation of that discussion in writing.

Note: Many upper year courses require the prior successful completion of first year or lower level courses. Check your specific Arts and Science university calendar for details.
Concurrent Intermediate-Senior Degree Requirements

Registration in Education courses in subsequent years is contingent upon:

1. successful completion of Education courses in current year; and
2. maintaining an adequate academic standing in the undergraduate Honours degree program (refer to Regulations and Policies: Concurrent Education, Academic Standing).

Pre-Final Year

Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRAC 110</td>
<td>Experiences in Education Year 1</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 110</td>
<td>Self As Teacher</td>
<td>3.00</td>
</tr>
<tr>
<td>Year 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRAC 211</td>
<td>Experiences in Schools II (IS)</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 210</td>
<td>Self as Learner</td>
<td>3.00</td>
</tr>
<tr>
<td>Year 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRAC 311</td>
<td>Introduction to Schools Year 3</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF 310</td>
<td>Self as Professional</td>
<td>3.00</td>
</tr>
<tr>
<td>Total Units</td>
<td></td>
<td>13.50</td>
</tr>
</tbody>
</table>

Final Year

Curriculum: (12.0 units)

6.0 units of CURR in each of the two approved Intermediate-Senior teaching subjects.

<table>
<thead>
<tr>
<th>Teaching Subject</th>
<th>Fall Course</th>
<th>Winter Course</th>
<th>Fall/Winter Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science-Biology</td>
<td>CURR 303</td>
<td>CURR 304</td>
<td>CURR 603</td>
</tr>
<tr>
<td>Science-Chemistry</td>
<td>CURR 305</td>
<td>CURR 306</td>
<td>CURR 605</td>
</tr>
<tr>
<td>Dramatic Arts</td>
<td>CURR 311</td>
<td>CURR 312</td>
<td>CURR 611</td>
</tr>
<tr>
<td>English</td>
<td>CURR 317</td>
<td>CURR 318</td>
<td>CURR 617</td>
</tr>
<tr>
<td>Français langue seconde</td>
<td>CURR 321</td>
<td>CURR 322</td>
<td>CURR 621</td>
</tr>
<tr>
<td>Geography</td>
<td>CURR 325</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>CURR 335</td>
<td>CURR 336</td>
<td>CURR 635</td>
</tr>
<tr>
<td>Mathematics</td>
<td>CURR 370</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music-Vocal</td>
<td>CURR 345</td>
<td>CURR 346</td>
<td>CURR 645</td>
</tr>
<tr>
<td>CURR 341</td>
<td>CURR 342</td>
<td>CURR 641</td>
<td></td>
</tr>
<tr>
<td>CURR 351</td>
<td>CURR 352</td>
<td>CURR 651</td>
<td></td>
</tr>
<tr>
<td>CURR 365</td>
<td>CURR 366</td>
<td>CURR 665</td>
<td></td>
</tr>
<tr>
<td>CURR 379</td>
<td>CURR 380</td>
<td>CURR 679</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST</td>
<td>Educational Studies</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI</td>
<td>Program Focus</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Foundational Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN</td>
<td>Psychological Foundations of Education</td>
<td>1.00</td>
</tr>
<tr>
<td>FOUN</td>
<td>Foundations of Assessment</td>
<td>1.00</td>
</tr>
<tr>
<td>FOUN</td>
<td>Historical and Philosophical Foundations</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>of Education</td>
<td></td>
</tr>
</tbody>
</table>

Practicum

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRAC</td>
<td>Practicum (IS/TE)</td>
<td>1.50</td>
</tr>
<tr>
<td>PRAC</td>
<td>Practicum (ISTE)</td>
<td>2.00</td>
</tr>
<tr>
<td>PRAC</td>
<td>Practicum IS/TE</td>
<td>2.00</td>
</tr>
<tr>
<td>PRAC</td>
<td>Alternative Practicum IS/TE</td>
<td>1.50</td>
</tr>
<tr>
<td>PRAC</td>
<td>Practicum (IS/TE)</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Professional Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROF</td>
<td>School and Classroom Leadership</td>
<td>3.00</td>
</tr>
<tr>
<td>PROF</td>
<td>School Law and Policy</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF</td>
<td>Theory and Professional Practice (IS)</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF</td>
<td>Supporting Learning Skills</td>
<td>1.00</td>
</tr>
<tr>
<td>PROF</td>
<td>Building a Professional Career as a Teacher</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF</td>
<td>Introduction to Indigenous Studies for Teachers (PJ &amp; IS)</td>
<td>1.00</td>
</tr>
<tr>
<td>PROF</td>
<td>Integrating Environmental Education in the Classroom</td>
<td>1.00</td>
</tr>
<tr>
<td>PROF</td>
<td>Educational Technology as a Teaching and Learning Tool</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF</td>
<td>Meeting the Needs of Learners</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF</td>
<td>English Language Learners</td>
<td>3.00</td>
</tr>
<tr>
<td>PROF</td>
<td>Transitions and Pathways</td>
<td>1.50</td>
</tr>
<tr>
<td>PROF</td>
<td>Teaching Grades 7 and 8</td>
<td>1.50</td>
</tr>
<tr>
<td>Total Units</td>
<td></td>
<td>37.50</td>
</tr>
</tbody>
</table>

1 Concentrations combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 450 Alternative Practicum (PJ)
Final-year requirement for Concurrent Intermediate-Senior: 49.5 units
Total Degree Requirements for Concurrent Intermediate-Senior: 63.0 units

Final Year: Indigenous Teacher Education (ITEP)
Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 201</td>
<td>Theory of Indigenous Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 201</td>
<td>Indigenous Teacher Education</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 451 Alternative Practicum IS/TE.

Final-year requirement for Concurrent ITEP Intermediate-Senior: 49.5 units
Total degree requirements for Concurrent ITEP Intermediate-Senior: 63.0 units

**ITEP Practicum Format**
ITEP Practicum Format Campus-based candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur where possible, in a designated First Nations Associate School or in a school with a significant Indigenous student population within the Queen's catchment area, with an OCT certified teacher in good standing. Candidates will return to their original Associate School for the summer practicum component.

Final Year: Artist in Community Education (ACE)
Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 222</td>
<td>The Artist in Society</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 222</td>
<td>Outdoor &amp; Experiential Ed</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 451 Alternative Practicum IS/TE.

Final-year requirement for Concurrent ACE Intermediate-Senior: 49.5 units
Total degree requirements for Concurrent ACE Intermediate-Senior: 63.0 units

**ACE Practicum Format**
Candidates in the ACE program are placed in an Associate School in the Queen's catchment area for all practicum components in the fall and winter terms, as well as summer term (for those admitted prior to 2015-16 who opt to enroll in the final term of the extended program). The Alternative Practicum is spent in a situation related to the artist’s field such as artist-in-residence in a local school, working as an apprentice in an educational office in an Ontario gallery or theatre, or preparing an Arts program for implementation.

Final Year: Outdoor and Experiential Education (OEE)
Please click here for descriptions for the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDST 260</td>
<td>Understanding the Principles and Programs in Outdoor and Experiential Education</td>
<td>3.00</td>
</tr>
<tr>
<td>FOCI 260</td>
<td>Outdoor &amp; Experiential Ed</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td></td>
<td><strong>6.00</strong></td>
</tr>
</tbody>
</table>

Program tracks combine an Education Studies (EDST) course, Program Focus (FOCI) course and PRAC 451 Alternative Practicum IS/TE.

Final-year requirement for Concurrent OEE Intermediate-Senior: 49.5 units
Total degree requirements for Concurrent OEE Intermediate-Senior: 63.0 units

**OEE Practicum Format**
OEE candidates are assigned to an Associate School for both practicum components in the fall term. The winter term practicum component will occur in an Ontario Outdoor or Experiential Education setting with an OCT certified teacher in good standing. Candidates will return to their original Associate School for the summer practicum component.

*Degree requirements are subject to change without notice.

**Concurrent Intermediate-Senior Final Year Entry Requirements**
Entrance into final year is contingent upon completion of each of the following items. Candidates must complete the requirements for the year in which they entered the program.

**Final Year Prerequisites**
The following must be complete by June 30 preceding entry to final year:

1. Complete all prerequisite Year 1 to 3 IS Concurrent Education courses; and
2. Honours degree (B.A.H., B.F.H., BMus, or BScH.); PSYC and Queen's – Most undergraduate Honours degrees require 120 units. Teacher Candidates in a 114 unit degree must take 6 additional units before entering final year. Queen's-Trent – Must complete a 20 unit Honours degree.

3. Have a minimum of a B- average on their best 10 full-year courses or equivalent in half-year courses (60 units at Queen's).

4. Complete a half-year course in Developmental Psychology; or a full-year course in Introductory Psychology.

5. Teaching Subject Requirements (see below for complete information)

Only offered at Queen's.

Teaching Subject Requirements

Entrance into final year is contingent upon completion of each of the following items. Candidates must complete the requirements for the year in which they entered the program.

1. Teacher Candidates must select two teaching subjects (a subject taught in Ontario secondary schools). Both teaching subjects must be offered at Queen's Faculty of Education: Dramatic Arts, English, French as a Second Language, Geography, History, Mathematics, Music – Instrumental (Queen's only), Music – Vocal (Queen's only), Science-Biology, Science-Chemistry, Science-Physics, Visual Arts.

2. Teacher Candidates must successfully complete 5 full-year courses (30 units at Queen's) in the first teaching subject (a subject taught in Ontario secondary schools).

3. Teacher Candidates must successfully complete 4 full-year courses (24 units at Queen's) in the second teaching subject (a subject taught in Ontario secondary schools).

4. No more than 1 full-year first-year course will be counted toward either the first or second teaching subject requirement (there are some exceptions, refer to the Teaching Subject Requirement charts for Queen's or Queen's-Trent).

5. Teacher Candidates must have a B- average in the courses that are being used to meet the teaching subject requirements. That is, Teacher Candidates must have a B- average in at least 5 full-year courses for their first teaching subject, and must also have a B- average in at least 4 full-year courses for their second teaching subject.

6. Each course taken in preparation of a teaching subject may be used only once towards either teaching subject. "Double counting" is not acceptable.

7. Requirements for Courses Related to Teaching Subjects:

Often Teacher Candidates would like to take courses from a department other than the one that reflects their teaching subject. These types of courses may be "related" to the teaching subject. For example, Teacher Candidates who select History as a teaching subject may want to take a course from the Classics Department – CLST (Queen's) / AHCL (Queen's-Trent) (that is not listed in the following chart) rather than the Department of History – HIST to count toward their teaching subject. No more than one full-year course will be accepted from an outside department that reflects the teaching subject (this is called a "related" course for the teaching subject); and if a Teacher Candidate wishes to request that a course be counted as related to the teaching subject and the course is not listed in the following chart; the Teacher Candidate must request approval prior to taking the course (see section 8).

8. Approval of Any Course for Teaching Subject Requirements:

If Teacher Candidates would like to take a course outside the academic department which reflects the teaching subject and the course does not appear in the teaching subject requirements for Intermediate-Senior, which outlines previously approved related courses; or the Teacher Candidate would like to take a course at an institution other than the one they are attending:

a. the Teacher Candidate must send a written request to their respective Concurrent Education office with the course title, course code, and course description of that 'related' course for approval, and

b. this request must be approved by Student Services PRIOR to taking the course in order to ensure that the course will count toward the required courses for that teaching subject; and

c. the Queen's Faculty of Education Student Services makes the final decision whether or not a course meets the requirement for that teaching subject. Teacher Candidates must have written confirmation prior to taking the course.

Queen's Concurrent - If you completed all of your courses at Queen's, you do not need to send an official transcript from Queen's to the Concurrent Education Assistant. We will print your Queen's transcript and verify that you graduated in the spring 2015 convocation from your Arts and Science undergraduate degree.

Queen's-Trent Concurrent - You do not need to send an official transcript. The Queen's-Trent Program Administrator will send your Trent academic summary to Queen's on your behalf.
Some secondary school subjects are not offered through Queen's Faculty of Education (for example, business, family studies, Spanish, general science, guidance). For more information on curriculum and curriculum subjects, refer to the Ontario Ministry of Education curriculum documents. Secondary documents for grades 9-12 are found at:
http://www.edu.gov.on.ca/eng/curriculum/secondary/subjects.html; grades 7-8 are found in the elementary curriculum documents at:

Concurrent Intermediate-Senior Teaching Subject Requirements
The following menus show the required courses that must be taken to meet the final year Education requirements of a teaching subject. Candidates must complete the requirements for the the year in which they entered the program.

Many upper year courses require the prior successful completion of first year or lower level courses. Check the Faculty of Arts and Science calendar at Queen's (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/) or Trent (http://www.trentu.ca/calendar/) for course details, exclusions and prerequisites.

Queen's Concurrent Intermediate-Senior
(See below for Queen's-Trent teaching subject requirements.)

Dramatic Arts
To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Dan School of Drama and Music (https://sdm.queensu.ca/undergraduate/drama/).

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Theatre</td>
<td>6.00</td>
<td>DRAM 100/6.0 OR BISC 100/3.0, BISC 101/3.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practical Studio</td>
<td>3.00</td>
<td>DRAM 219, 236, 237, 238, 239, 272/3.0, 273(BISC), 311, 323, 331, 332, 339, 373 (all 3.0 units) CLST 312/3.0 IDIS 410/3.0 MAPP 400/6.0 MUTH 247/1.5, 260/1.5, 331/3.0, 332/3.0, 333/3.0 MUSC 373/3.0</td>
</tr>
<tr>
<td>Theatre History</td>
<td>3.00</td>
<td>DRAM 200/6.0, 210/3.0, 216/3.0, 220/3.0, 271/3.0 (BISC), 303/3.0, 371/3.0, 344/3.0 MUTH 231/3.0, 232/3.0, 271/3.0 (BISC)</td>
</tr>
</tbody>
</table>

**AND A COMBINATION OF:**

General Dramatic Arts

ANY DRAM BISC 100/3.0, 101/3.0

queensu.ca/academic-calendar

Concurrent Education Degree Requirements 15
Related Courses  6.0 units maximum
CLST 312/3.0
DEVS 321/3.0
ENGL 256/3.0, 257/3.0, 258/3.0, 259/3.0, 326/6.0, 335/6.0, 345/6.0
FILM 312/3.0, 381/3.0
FREN 305/3.0, 306/3.0
IDIS 200/6.0, 210/3.0, 311/3.0, 410/3.0
ITAL 257/3.0, 357/3.0
LLCU 200/3.0, 257/3.0, 301/3.0, 332/3.0, 339/3.0
MAPP 200/3.0, 300/3.0, 311/3.0, 395/3.0, 400/6.0
MUSC 287/3.0, 373/3.0
MUTH 201/3.0, 210/3.0, 211/3.0, 231/3.0, 232/3.0, 240/3.0, 247/1.5, 250/3.0, 260/1.5, 310/3.0, 331/3.0, 332/3.0, 387/3.0
STSC 300/3.0, 339/3.0, 381/3.0
Special Topic Courses: LLCU 295/3.0 - Semiotics of Arts Topic

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of English Language and Literature (http://www.queensu.ca/english/).

- **First Teaching Subject**: Requires a total of 30.0 Units
- **Second Teaching Subject**: Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature or Poetry with Canadian content</td>
<td>6.00</td>
<td>ENGL 215/6.0, 218/3.0, 283/6.0, 284/3.0, 285/3.0, 380/6.0, 465/6.0, 466/3.0, 467/3.0, 480/6.0, 481/3.0, 482/3.0 ENGL 389/6.0 (100% 2019-20) (50% only 2014-2018) DRAM 303/3.0</td>
</tr>
<tr>
<td>Topic Only Courses:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English 290/3.0 - Reading Chinese Canadian Fiction Topic, Monkey Beach Topic ENGL 489/3.0 - Canadian Hockey Lit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Writing/Linguistics/ Media</td>
<td>3.0</td>
<td>Any CWRI DRAM 251/3.0, 350/6.0, 351/3.0 ENGL 238/3.0, 291/3.0, 387/6.0 (50% only) FILM 110/6.0 (50% only), 220/3.0, 236/3.0, 240/3.0, 260/3.0, 312/3.0 Any LING Any WRIT (including WRIT P75)</td>
</tr>
<tr>
<td>Special Topic Courses: LLCU 295/3.0 - Indigenous Digital Media Topic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AND A COMBINATION OF:
First Nations, Métis and Inuit Studies

To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of Languages, Literatures and Cultures (http://www.queensu.ca/llcu/).

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units
<table>
<thead>
<tr>
<th>Number of Units Required</th>
<th>Percentage Of Units Counted</th>
<th>Course</th>
<th>Number of Units Counted Towards Teaching Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>100%</td>
<td>ANSH 101/3.0, 102/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARTH 232/3.0; 248/3.0, 348/3.0, 231/3.0, 272/3.0, 372/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BIOL 319 / 3.0, 421/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>DEV 100/6.0, 105/3.0, 220/3.0, 221/3.0, 320/3.0, 480/6.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DRAM 303/3.0, 319/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL 218/3.0, 480AB/6.0, 481/3.0, 482/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGX 287/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FILM 388/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FREN 350/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GNDS 212/3.0, 340/3.0, 375/3.0, 432/6.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GPHY 309/3.0, 351/3.0, 368/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 104/3.0, 105/3.0, 124AB/6.0, 207/3.0, 208/3.0, 313AB/6.0, 324AB/6.0, 335AB/9.0, 401/3.0, 442/4.5, 455AB/9.0, 461/4.5, 436/4.5; 467/9.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HLTH 101/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INUK 101/3.0, 102/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAW 202/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LLCU 270/3.0, 301/3.0, 302/3.0, 322/3.0, 370/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MOHK 101/3.0, 102/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUSC 289/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 320/3.0, 347/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RELS 227/3.0</td>
<td>ANSH 101/3.0, 102/3.0</td>
</tr>
</tbody>
</table>

Concurrent Education Degree Requirements

queensu.ca/academic-calendar
### Courses:

<table>
<thead>
<tr>
<th>Topic Only Courses:</th>
<th>Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEVS 357/3.0 OR 392/3.0 - Indigenous People Topic, Indigenous PeaceBuilding Topic</td>
<td>DEVS 492/3.0 - Indigenous Theory Topic</td>
</tr>
<tr>
<td>ENGL 290/3.0 - Monkey Beach Topic</td>
<td>ENGL 467/3.0 - Stories of Kingston/Cataraqui Topic</td>
</tr>
<tr>
<td>ENGL 489/3.0 - Canadian Hockey Literature Topic</td>
<td>LLCU 295/3.0 - Indigenous Digital Media, Indigenous Cultural Politics, Other's Viewing Indig Peoples, Rotinohnsyonn Indigenography Topic</td>
</tr>
<tr>
<td>DEVS 492/3.0 - Indigenous Theory Topic</td>
<td>LLCU 495/3.0 - Settler Indigenous Relations Topic</td>
</tr>
<tr>
<td>HIST 269/3.0 - Indigenous History of North America Topic</td>
<td>INTS 322/3.0</td>
</tr>
<tr>
<td>SOCY 235/3.0</td>
<td>ENGL 215/2.0</td>
</tr>
</tbody>
</table>

#### French as a Second Language

**To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar** ([http://www.queensu.ca/artsci/students-at-queens/academic-calendar/](http://www.queensu.ca/artsci/students-at-queens/academic-calendar/)).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of French Studies ([http://www.queensu.ca/french/](http://www.queensu.ca/french/)).

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
</table>

**Concurrent Education Degree Requirements**

- **50%** DEVS 492/3.0 (Indigenous Theory Topic counts as 100% - see above*)
- **33%** ENGL 215/6.0, ENSC 321/3.0, INTS 322/3.0

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[queensu.ca/academic-calendar](http://www.queensu.ca/academic-calendar)
Oral Communication 6.0
FREN 118/3.0, 219/3.0, 320/3.0, 499/6.0 (only counts as 3.0 units oral communication) OR FREN at the 200 level or above if equivalency is granted by the Department of French Studies through oral testing or specific immersion experience.

General French FREN at the 100 level and above (excluding FREN 106, 107, 111, 112, 225, 236, 237, 238) 6.0 units maximum Any course at the 100 level

Recommended FREN 499/6.0

Geography
To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of Geography (http://www.queensu.ca/geographyandplanning/).

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian Geography</td>
<td>3.0</td>
<td>GPHY 101/3.0, 102/3.0, 227/3.0, 228/3.0, 229/3.0, 250/3.0 (strongly recommended), 304/3.0, 325/3.0, 327/3.0, 337/3.0, 338/3.0, 351/3.0, 352/3.0</td>
</tr>
<tr>
<td>AND A COMBINATION OF:</td>
<td></td>
<td>GPHY BISC 100/3.0</td>
</tr>
</tbody>
</table>

**Related courses** 6.0 units maximum
BIOL 111/3.0
DEVS 100/6.0, 105/3.0, 240/3.0, 305/6.0 (50% - 3.0 units only), 311/3.0
ENSC 103/3.0, 203/3.0, 301/3.0, 315/3.0, 390/3.0
Any GEOL course
IDIS 302/3.0
SOCY 225/3.0, 301/3.0 (special topic Cities: Urban societies, space & culture)

12.0 units maximum Any course at the 100 level

**NOTE** Students may only take one of either GPHY 101/3.0 or BISC 100/3.0

Recommended Courses in Canadian Geography, economic geography, geomatics (GIS/GPS), global development, ecosystems/ecozones.

History
To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of History (http://queensu.ca/history/).

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units
<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topic Courses:</td>
<td></td>
<td>HIST 330/6.0 - Indigenous History Topic Only</td>
</tr>
<tr>
<td>AND A COMBINATION OF:</td>
<td></td>
<td>12.0 units maximum</td>
</tr>
<tr>
<td>General History</td>
<td></td>
<td>Any course at the 100 level Upper year courses are preferred</td>
</tr>
<tr>
<td>Recommended</td>
<td></td>
<td>HIST 121/6.0, 122/6.0, 124/6.0, 125/6.0 Two or more courses in the following subjects: Modern European History, American History, Ancient &amp; Medieval History, and World Politics.</td>
</tr>
</tbody>
</table>
Mathematics
To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of Mathematics and Statistics (http://www.mast.queensu.ca/).

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>BIOM 300/3.0</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>BIOL 243/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ECON 250/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GPHY 247/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>KNPE 251/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PSYC 202/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SOCY 211/3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STAM 200/3.0 MATH at the 100 level and above, STAT at the 100 level and above</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MTHE 225/3.0</td>
<td></td>
</tr>
</tbody>
</table>

| Related Courses | 6.0 units maximum | BIOL 343/3.0, 432/3.0, CISC 102/3.0, 203/3.0, 204/3.0, 271/3.0, ECON 255/3.0, 351/3.0, GPHY 347/3.0, PHYS 213/3.0, 312/6.0, 313/3.0, 316/3.0, 317/3.0, PSYC 301/3.0 |

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Music</td>
<td>6.0</td>
<td>MUSC 100/1.5, 112/1.5, 115/1.5, 121/6.0, 124/6.0, 180/3.0, 181/3.0, 183/3.0, 185/3.0, 187/3.0, 188/3.0, 189/3.0, 200/1.5, 212/1.5, 215/1.5, 221/6.0, 280/3.0, 281/3.0, 282/3.0, 283/3.0, 285/3.0, 287/3.0, 288/3.0, 300/1.5, 312/1.5, 315/1.5, 321/6.0, 400/1.5, 412/1.5, 415/1.5, 421/6.0, 120/6.0, 220/6.0, 224/6.0, 320/6.0, 324/6.0, 420/6.0, 424/6.0, MUTH 160/1.5, 210/3.0, 260/1.5, 310/3.0, 320/3.0, 331/3.0, 332/3.0, 360/1.5, 460/1.5 OR Royal Conservatory Grade 10 practical certificate or higher and 6.0 units MUSC or MUTH at the 100 level or higher</td>
</tr>
</tbody>
</table>

Before courses are taken there may be course prerequisites that need to be met. Some courses are restricted to only B.Mus. or B.A.H. students; please check with the Dan School of Drama and Music (http://sdm.queensu.ca/) for course enrollment requirements.

- **First Teaching Subject:** Requires a total of 30.0 Units
- **Second Teaching Subject:** Requires a total of 24.0 Units

Music-Instrumental / Music-Vocal
Students may select either Music - Instrumental or Music - Vocal for one of the two required teaching subjects.

To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Dan School of Drama and Music (http://sdm.queensu.ca/).
<table>
<thead>
<tr>
<th>Music Theory 6.0</th>
<th>MUSC 104/3.0, 105/3.0, 151/3.0, 152/3.0, 153/6.0, 191/6.0, 255/6.0, 292/3.0, 293/3.0, 351/3.0, 354/6.0, 358/3.0, 392/3.0, 394/3.0, 396/3.0, 398/3.0, 399/3.0, 443/3.0, 445/3.0, 446/3.0, 451/3.0, 454/6 OR Royal Conservatory Level 9 Theory or Basic Harmony with Distinction or equivalent; and 6.0 units in MUSC or MUTH</th>
</tr>
</thead>
</table>

**Degree Requirements for those who entered Con.Ed. in 2021 or later**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Music 6.0</td>
<td></td>
<td>MUSC 100/1.5, 112/1.5, 115/1.5, 121/6.0, 124/6.0, 200/1.5, 212/1.5, 215/1.5, 221/6.0, 300/1.5, 312/1.5, 315/1.5, 321/6.0, 400/1.5, 412/1.5, 415/1.5, 421/6.0, 120/6.0, 220/6.0, 224/6.0, 320/6.0, 324/6.0, 420/6.0, 424/6.0, MUTH 160/1.5, 260/1.5, 320/3.0, 331/3.0, 332/1.5, 360/1.5, 460/1.5 OR Royal Conservatory Grade 8 practical certificate or higher (or equivalent)</td>
</tr>
<tr>
<td>Music Theory 6.0</td>
<td></td>
<td>MUSC 104/3.0, 105/3.0, 151/3.0, 152/3.0, 153/6.0, 191/6.0, 255/6.0, 292/3.0, 293/3.0, 351/3.0, 354/6.0, 358/3.0, 392/3.0, 394/3.0, 396/3.0, 398/3.0, 399/3.0, 443/3.0, 445/3.0, 446/3.0, 451/3.0, Royal Conservatory Level 9 Theory or Basic Harmony with Distinction (or equivalent)</td>
</tr>
</tbody>
</table>
(additional) Music Theory or Music Creation (e.g., composition, arranging, orchestration, electroacoustic) Music Theory courses listed above or the following music creation courses: MUSC 151/3.0, 152/3.0, 153/6.0, 155/3.0, 156/3.0, 253/3.0, 255/6.0, 351/3.0, 358/3.0, 397/3.0, 454/6.0; 455/6.0 MAPP 311


Conducting 3.0 MUSC 270/3.0, 370/3.0


Topic Only Courses MUSC 245/3.0 - Principles of Music Education in Remote, Blended and Face-to-Face Environments

General Music MUSC; MUTH; MAPP

Science-Biology
To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Biology Department (http://biology.queensu.ca/).

- **First Teaching Subject**: Requires a total of 30.0 Units
- **Second Teaching Subject**: Requires a total of 24.0 Units
### Science-Chemistry

To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/ academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of Chemistry (http://www.chem.queensu.ca/).

- **First Teaching Subject**: Requires a total of 30.0 Units
- **Second Teaching Subject**: Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology course with</td>
<td>6.0</td>
<td>BIOL 102/3.0, 103/3.0, 201/3.0, 202/3.0, 212/3.0, 300/3.0, 302/3.0, 303/3.0, 335/3.0, 401/3.0, 402/3.0, 403/3.0, 404/3.0, 418/3.0</td>
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<tr>
<td>major laboratory component</td>
<td></td>
<td>BIOL 205/3.0, 206/3.0 Winter 2019 &amp; Earlier only</td>
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<tr>
<td>AND A COMBINATION OF:</td>
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<td></td>
</tr>
<tr>
<td>General Biology</td>
<td></td>
<td>BIOL BCHM 270/3.0, MICR BCHM 218/3.0</td>
</tr>
<tr>
<td>Human Biology</td>
<td>6.0 units maximum</td>
<td>ANAT KNPE 125/3.0, PHGY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Chemistry</td>
<td>6.0</td>
<td>CHEM 112/6.0</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>3.0</td>
<td>CHEM 212/3.0, 223/3.0, 281/3.0, 282/3.0, 285/3.0, 311/3.0, 422/3.0</td>
</tr>
<tr>
<td>AND A COMBINATION OF:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Chemistry</td>
<td></td>
<td>CHEM at the 200 level and above</td>
</tr>
<tr>
<td>Related Courses</td>
<td>6.0 units maximum</td>
<td>BCHM at the 100 level and above</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHE 342/3.0, ENSC 201/3.0, 471/3.0, BCHM 218/3.0, PHAR 340/3.0, 3.0 units maximum from the courses below: BIOL 334/3.0, OR PHAR 100/3.0, OR PHAR 230/3.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0 units maximum</td>
<td></td>
<td>Any course at the 100 level</td>
</tr>
</tbody>
</table>

### Science-Physics

To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of Physics, Engineering and Astronomy (http://www.queensu.ca/physics/).

- **First Teaching Subject**: Requires a total of 30.0 Units
- **Second Teaching Subject**: Requires a total of 24.0 Units

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.0 units maximum</td>
<td></td>
<td>Any Course at the 100 level</td>
</tr>
</tbody>
</table>
### Requirement | Number of Units Required | Course
--- | --- | ---
Introductory Physics | 6.0 | PHYS 104/6.0, 106/6.0
Non-introductory course in Electricity and Magnetism | 3.0 | PHYS 239/3.0, 432/3.0

AND A COMBINATION OF:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physics</td>
<td>PHYS P22/3.0, PHYS at the 200 level and above ASTR 101/3.0, 102/3.0, CHEM 313/3.0</td>
<td></td>
</tr>
<tr>
<td>Related Physics</td>
<td>6.0 units maximum</td>
<td>MATH 338/3.0</td>
</tr>
</tbody>
</table>

### General Visual Arts

- **Recommended**: Studio practice in printmaking and/or three-dimensional design

---

### Visual Arts

To view course descriptions, refer to the Faculty of Arts and Science Academic Calendar (http://www.queensu.ca/artsci/students-at-queens/academic-calendar/).

To determine availability of courses, view SOLUS under "Search for Classes" or contact the Department of Fine Art (http://www.queensu.ca/bfa/home/).

- **First Teaching Subject**: Requires a total of 30.0 Units
- **Second Teaching Subject**: Requires a total of 24.0 Units

### Degree Requirements for those who entered Con.Ed. in 2020 or later

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Studio Practice (including drawing and painting)</td>
<td>9.0</td>
<td>May include ARTF 101/3.0, 102/3.0, 106/3.0 (BISC), 125/3.0, 127/6.0, 128/6.0, 227/6.0, 228/6.0, 265/3.0, 275/3.0, 337/9.0, 338/9.0, 447/9.0, 448/9.0, or equivalent courses in comprehensive studio practice at another university (course must be approved in advance)</td>
</tr>
<tr>
<td>Survey of Art History</td>
<td>6.0</td>
<td>ARTH 116/3.0, 117/3.0, 120/6.0</td>
</tr>
</tbody>
</table>

### Degree Requirements for those who entered Con.Ed. in 2021 or later

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Units Required</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Studio Practice (including drawing and painting)</td>
<td>9.0</td>
<td>May include ARTF 101/3.0, 102/3.0, 106/3.0 (BISC), 125/3.0, 127/6.0, 128/6.0, 227/6.0, 228/6.0, 265/3.0, 275/3.0, 337/9.0, 338/9.0, 447/9.0, 448/9.0, or equivalent courses in comprehensive studio practice at another university (course must be approved in advance)</td>
</tr>
<tr>
<td>Survey of Art History</td>
<td>6.0</td>
<td>ARTH 116/3.0, 117/3.0, 120/6.0</td>
</tr>
</tbody>
</table>
One of the following: Period-specific Art History OR Thematic Art History Contemporary Art Canadian Art History Indigenous North American Art (Eg, Indian, Chinese, Japanese, Islamic) Aesthetics and Art Criticism History of Architecture History of Canadian Architecture

General Visual Arts


General Dramatic Arts

<table>
<thead>
<tr>
<th>First Teaching Subject</th>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practical Studio (Acting or Directing)</td>
<td>1.0</td>
<td>CUST 3070Y, 3175Y, 4173H</td>
<td>INDG 3010H, 3030H, 2110Y (counts as 0.5 course in practical studio and 0.5 course in theatre history)</td>
</tr>
<tr>
<td>Theatre History</td>
<td>0.5</td>
<td>AHCL 2305H, 3301H</td>
<td>CUST 2070Y, 3071Y</td>
</tr>
<tr>
<td>General Dramatic Arts</td>
<td>3.5</td>
<td>CUST 2025Y</td>
<td>2526H, 2571H, 2572H, 2573H, 3146Y, 3572H, 4070Y, ENGL 2809H, INDG 3560Y or any of the courses listed above (courses cannot be double counted to meet requirements)</td>
</tr>
</tbody>
</table>

**=5.0 TOTAL COURSES**

Queen's-Trent Concurrent Intermediate-Senior Dramatic Arts

To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).
Recommended

a) Candidates should consider taking CUST 1000Y as a background course.
b) Candidates require a 60% or better in ENGL 1000Y to take any upper year ENGL courses.

1 Difficult to complete at Trent.

Second Teaching Subject

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practical Studio (Acting or Directing)</td>
<td>1.0</td>
<td>CUST 2070Y, 3070Y, 3175Y, 4173H INDG 3010H, 3030H, 2110Y (counts as .50 course in practical studio and .50 course in theatre history)</td>
</tr>
</tbody>
</table>

Theatre History 0.5


General Dramatic Arts 2.5

Recommended

a) Candidates should consider taking CUST 1000Y as a background course.
b) Candidates require a 60% or better in ENGL 1000Y to take any upper year ENGL courses.

1 Difficult to complete at Trent.

English

To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).

First Teaching Subject

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature or Poetry with Canadian content</td>
<td>1.0</td>
<td>ENGL 2600Y, 3481H, 3483H, 3500Y/3501H, 3502Y/3503H, 3504Y/3505H, 3506Y/3507H, 3520Y/3521H, 4500Y/4501H CAST-INDG-WMST 2485H, 3485H AND</td>
</tr>
</tbody>
</table>
Writing/Linguistics/ Media 0.5

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
</table>

AND

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General English 3.5 ENGL at the 1000 level and above CUST 2022Y/2522H, 3022Y/3522H, 3029Y, 4029Y, 4035Y</td>
</tr>
</tbody>
</table>

=5.0 TOTAL COURSES

<table>
<thead>
<tr>
<th>AND of the 5.0 TOTAL COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 maximum CUST 1535H, ENGL 1000Y, 1001H, 1003H, 1005H and MODL 1000Y, 1001H, 1002H</td>
</tr>
</tbody>
</table>

Second Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature or Poetry with Canadian content 1.0 ENGL 2600Y, 3481H, 3483H, 3500Y/3501H, 3502Y/3503H, 3504Y/3505H, 3506Y/3507H, 3520Y/3521H, 4500Y/4501H CAST-INDG-WMST 2485H, 3485Y</td>
</tr>
</tbody>
</table>

AND

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
</table>

First Nations, Métis and Inuit Studies

To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).
### First Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General First Nations, Métis and Inuit Studies</td>
<td>5.0</td>
<td>INDG at the 1000 level and above HIST-CAST 4960Y 1.0 (only counts as 50% 0.50 units)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>HIST-CAST 4960Y 1.0 (only counts as 50% 0.50 units)</td>
</tr>
<tr>
<td>Related Courses</td>
<td>1.0 maximum</td>
<td></td>
</tr>
</tbody>
</table>

**=5.0 TOTAL COURSES**

<table>
<thead>
<tr>
<th>AND of the 5.0 TOTAL COURSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 maximum</td>
<td>INDG at the 1000 level</td>
</tr>
</tbody>
</table>

### Second Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General First Nations, Métis and Inuit Studies</td>
<td>4.0</td>
<td>INDG at the 1000 level and above HIST-CAST 4960Y 1.0 (only counts as 50% 0.50 units)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>HIST-CAST 4960Y 1.0 (only counts as 50% 0.50 units)</td>
</tr>
<tr>
<td>Related Courses</td>
<td>1.0 maximum</td>
<td></td>
</tr>
</tbody>
</table>

**=4.0 TOTAL COURSES**

<table>
<thead>
<tr>
<th>AND of the 4.0 TOTAL COURSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 maximum</td>
<td>INDG at the 1000 level</td>
</tr>
</tbody>
</table>

### French as a Second Language

#### First Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General French</td>
<td>2.0</td>
<td>FREN above the 1000 level</td>
</tr>
<tr>
<td>Strong overall grammar review at 2000 level or above</td>
<td>1.0</td>
<td>FREN 2150Y or 2151H and 2152H</td>
</tr>
<tr>
<td>Note: Prerequisite for many of these courses is FREN 2451H, 2452H, 2051H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral Communication</td>
<td>1.0</td>
<td>FREN 1100Y or FREN 1101H and 1102H (oral communication is integrated into all FREN courses)</td>
</tr>
</tbody>
</table>

**=5.0 TOTAL COURSES**

<table>
<thead>
<tr>
<th>AND of the 5.0 TOTAL COURSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 maximum</td>
<td>any FREN courses at the 1000 level</td>
</tr>
</tbody>
</table>
### Second Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General French</td>
<td>1.0</td>
<td>FREN above the 1000 level</td>
</tr>
<tr>
<td>Strong overall grammar review at 2000 level or above</td>
<td>1.0</td>
<td>FREN 2150Y or 2152H and 2152H</td>
</tr>
<tr>
<td>Comprehensive Literature</td>
<td>1.0</td>
<td>FREN 2051H, 3161H, 3162H, 3171H, 3172H, 3181H, 3182H, 3191H, 3192H, 3201H, 3202H, 3231H, 3232H, 3239H, 3831H, 3832H, 4951Y Note: Prerequisite for many of these courses is FREN 2451H, 2452H, and 2051H</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>1.0</td>
<td>FREN 1100Y or FREN 1101H and 1102H (oral communication is integrated into all FREN courses)</td>
</tr>
</tbody>
</table>

**Total Courses**: 4.0

### First Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian Geography</td>
<td>0.5</td>
<td>Any upper year GEOG course cross listed with CAST</td>
</tr>
<tr>
<td>General Geography</td>
<td>1.0</td>
<td>GEOG 1030H and GEOG 1040H (prerequisites to many of the upper year GEOG courses)</td>
</tr>
<tr>
<td>General Geography</td>
<td>3.5</td>
<td>GEOG at the 2000 level and above</td>
</tr>
</tbody>
</table>

**Total Courses**: 5.0

**Recommended courses**

- Economic Geography: GEOG 3800H Geomatics (GIS): GEOG 2090H, 3010H or 4450H

### Geography

To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).
History

To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).

<table>
<thead>
<tr>
<th>First Teaching Subject Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey course in Canadian History</td>
<td>1.0</td>
<td>Any upper year HIST course cross listed with CAST or INDG AND General History 4.0 HIST at the 1000 level and above OR General History 3.0 HIST at the 1000 level and above Related Courses 1.0 maximum AHCL 2310H, 2320H, 2330H, 3070H, 3100H, 3101H, 3102H, 3120H, 3130H, 3951Y, 3962H, 3963H, 3966H, 3967H MATH 3810, 3820 PSY 4170</td>
</tr>
<tr>
<td></td>
<td>=5.0 TOTAL COURSES</td>
<td>AND of the 4.0 TOTAL COURSES 1.0 maximum HIST at the 1000 level</td>
</tr>
</tbody>
</table>

Second Teaching Subject Requirement

<table>
<thead>
<tr>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey course in Canadian History 1.0</td>
<td>Any upper year HIST course cross listed with CAST or INDG AND General History 4.0 HIST at the 1000 level and above OR General History 2.0 HIST at the 1000 level and above Related Courses 1.0 maximum AHCL 2310H, 2320H, 2330H, 3070H, 3100H, 3101H, 3102H, 3120H, 3130H, 3951Y, 3962H, 3963H, 3966H, 3967H MATH 3810, 3820 PSY 4170</td>
</tr>
<tr>
<td>=4.0 TOTAL COURSES</td>
<td>AND of the 5.0 TOTAL COURSES 1.0 maximum HIST at the 1000 level</td>
</tr>
</tbody>
</table>

Recommended courses Economic Geography: GEOG 3800H Geomatics (GIS): GEOG 2090H, 3010H or 4450H

Concurrent Education Degree Requirements
Mathematics
To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).

| First Teaching Subject Requirement | Number of Full-Year Courses Required (or equivalent Half-Year Courses) | Course
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Mathematics</td>
<td>5.0</td>
<td>MATH at the 1000 level and above (MATH 2080Y is not accepted towards IS Mathematics)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Mathematics</td>
<td>4.0</td>
<td>MATH at the 1000 level and above</td>
</tr>
<tr>
<td>Related Courses</td>
<td>1.0 maximum</td>
<td>GEOG-BIOL-ERSC 2080H, PSYC 2018 and 2019H SOCI 3160H</td>
</tr>
<tr>
<td></td>
<td>=5.0 TOTAL COURSES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AND of the 5.0 TOTAL COURSES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.0 maximum</td>
<td>MATH at the 1000 level</td>
</tr>
</tbody>
</table>

Science-Biology
To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).

| First Teaching Subject Requirement | Number of Full-Year Courses Required (or equivalent Half-Year Courses) | Course
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Biology</td>
<td>5.0</td>
<td>BIOL at the 1000 level and above (ERSC/BIOL 2700Y is not accepted as an IS Biology course), ERSC 3200Y, 3510H, 3850Y, 3860H, 3870H, 3880H, 4350H, 4520H, 4530H, 4703H, 4850Y, 4860H, 4870H, 4880H.</td>
</tr>
<tr>
<td>General Biology</td>
<td>4.0</td>
<td>BIOL at the 1000 level and above</td>
</tr>
<tr>
<td>----------------</td>
<td>-----</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Related Courses</td>
<td>1.0 maximum</td>
<td>Biochemistry courses such as BIOL-CHEM 2300H, 3300H, 3310H, 4300H or 4310H. BIOL-PHYS 1060H. ERSC 3200Y, 3510H, 3850Y, 3860H, 3870H, 3880H, 4350H, 4520H, 4530H, 4703H, 4850Y, 4860H, 4870H, 4880H.</td>
</tr>
<tr>
<td><strong>=5.0 TOTAL COURSES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.0 maximum</td>
<td>any BIOL courses at the 1000 level</td>
<td></td>
</tr>
<tr>
<td>1.0 minimum</td>
<td>Must complete a full-year Biology course with major laboratory component (all Trent courses have a major laboratory component)</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended BIOL courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000H Methods of Biological Inquiry; 2050H Genetics; 2070H Cell Biology; 2260H Ecology; 2600H Evolution. Students should also consider: 2100H Invertebrate Biology and/or 2110H Vertebrate Zoology; 3170H Plants and their Ancestors and/or 3180H Plants in Action</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Second Teaching Subject Requirement**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Biology</td>
<td>4.0</td>
<td>BIOL at the 1000 level and above (ERSC/BIOL 2700Y is not accepted as an IS Biology course)</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Biology</td>
<td>3.0</td>
<td>BIOL at the 1000 level and above</td>
</tr>
<tr>
<td>Related Courses</td>
<td>1.0</td>
<td>Biochemistry courses such as BIOL-CHEM 2300H, 3300H, 3310H, 4300H or 4310H. BIOL-PHYS 1060H. ERSC 3200Y, 3510H, 3850Y, 3860H, 3870H, 3880H, 4350H, 4520H, 4530H, 4703H, 4850Y, 4860H, 4870H, 4880H.</td>
</tr>
<tr>
<td><strong>=4.0 TOTAL COURSES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.0 maximum</td>
<td>BIOL at the 1000 level</td>
<td></td>
</tr>
<tr>
<td>1.0 minimum</td>
<td>Must complete a full-year Biology course with major laboratory component (all Trent courses have a major laboratory component)</td>
<td></td>
</tr>
</tbody>
</table>
### Recommended BIOL courses

- 2000H Methods of Biological Inquiry
- 2050H Genetics
- 2070H Cell Biology
- 2260H Ecology
- 2600H Evolution

Students should also consider:

- 2100H Invertebrate Biology and/or
- 2110H Vertebrate Zoology
- 3170H Plants and their Ancestors and/or
- 3180H Plants in Action

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### Science-Chemistry

To view course descriptions, refer to the Academic Calendar (https://www.trentu.ca/registrar/academic-calendar/).

To determine availability of courses, view the Academic Timetable (https://www.trentu.ca/registrar/academic-timetable/).

#### First Teaching Subject

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Chemistry</td>
<td>1.0</td>
<td>CHEM 1000H and 1010H</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>0.5</td>
<td>CHEM 2100H, 2110H, 3102H, 3110H, 4110H</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>3.5</td>
<td>CHEM at the 2000 level and above, ERSC 2220H, 2230H, 3450H, 3550Y, 3700Y.</td>
</tr>
<tr>
<td>Related Courses</td>
<td>1.0 maximum</td>
<td>Biochemistry courses such as BIOL-CHEM 2300H, 3300H, 3310H, 4300H or 4310H.</td>
</tr>
</tbody>
</table>

**Total:** 5.0 Courses

---

### Second Teaching Subject

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**Total:** 4.0 Courses

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### Science-Physics

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<tr>
<td>Introductory Physics</td>
<td>1.0 PHYS 1001H and 1002H</td>
</tr>
<tr>
<td>Non-introductory course in Electricity and Magnetism</td>
<td>0.5 PHYS 3200Y</td>
</tr>
<tr>
<td>General Physics</td>
<td>3.5 PHYS at the 2000 level and above (PHYS 2090Y is not accepted as IS Physics courses)</td>
</tr>
</tbody>
</table>

=5.0 TOTAL COURSES

AND of the 5.0 TOTAL COURSES

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<tbody>
<tr>
<td>Introductory Physics</td>
<td>1.0 PHYS at the 1000 level</td>
</tr>
</tbody>
</table>

### Recommended PHYS courses:
- 2610H Quantum, 2620H Atomic, Molecular and Nuclear, 2700H Thermal, and 2250H Electronics

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### Visual Arts

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<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
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<tbody>
<tr>
<td>Comprehensive Studio Practice</td>
<td>2.0 CUST 2111Y, 3111Y</td>
</tr>
<tr>
<td>Survey in Art History</td>
<td>1.0 ANTH 3511H, 3995H CAST 2755H CUST 2016Y, 3015Y/3515H</td>
</tr>
</tbody>
</table>

AND 2.0 FULL-YEAR COURSES USING A COMBINATION OF

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<tr>
<th>Course</th>
<th>Number of Full-Year Courses Required (or equivalent Half-Year Courses)</th>
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<tbody>
<tr>
<td>General Visual Arts</td>
<td>CUST 3080Y/3580H, 4015Y/4515H, 4080Y/4580H, or any of the courses listed above.</td>
</tr>
</tbody>
</table>

Related courses 1.0 maximum CUST 1510H, CUST 3184H

=5.0 TOTAL COURSES

AND of the 5.0 TOTAL COURSES

Recommended: CUST 1000Y as a background course. Studio practice in printmaking and/or three-dimensional design.
**Second Teaching Subject Requirement**

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**AND 1.0 FULL-YEAR COURSES USING A COMBINATION OF**

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=**4.0 TOTAL COURSES**

**Recommended:**
CUST 1000Y as a background course. Studio practice in printmaking and/or three-dimensional design.

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1 difficult to complete at Trent