Thank you to the staff at the University of King’s College Registrar’s Office who allowed us to develop our own guide based on the model that they made available to their students.

Need to contact us?
Academic Advising
College of Sustainability
Dalhousie University
Mona Campbell Building, Suite 1401
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Halifax, NS B3H 3P8
(Tel) 902.494.7860
ess.advising@dal.ca
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 5, 2017</td>
<td>First Day of Classes</td>
<td>Classes begin, fall term</td>
</tr>
</tbody>
</table>
| September 18, 2017 | Fees Due for Fall Term  
Last day to Add Fall Term Courses  
Last day to drop a course with full tuition refund  
Last day to apply for Honours for May 2018 graduation | Do not book December travel until you know your exam schedule          |
| Early October 2017 | December Exam Schedule Posted                                          | Do not book December travel until you know your exam schedule          |
| October 2, 2017    | Last Day to Drop Fall Term Courses Without a “W”                      | -                                                                     |
| October 9, 2017    | Thanksgiving Day, University Closed                                   | -                                                                     |
| October 31, 2017   | Last Day to Drop Fall Term Courses with a “W”  
Last Day to Drop X/Y Courses Without a “W”  
Last Day to Change X/Y Courses from Audit to Credit and vice versa |                                                                           |
| November 6-10, 2017| Fall Study Break                                                      | No classes (Except for students in co-op, clinics or internships)      |
| December 1, 2017   | Last Day to Apply to Graduate in May 2018                             | Via DalOnline                                                          |
| Early December 2017| Summer Timetable Available                                            | Via DalOnline                                                          |
| December 25-29, 2017| University Closed                                                    |                                                                        |
| January 8, 2018    | Classes Begin, Winter Term                                            |                                                                        |
| January 19, 2018   | Last Day to Add Winter Term Courses                                   |                                                                        |
| January TBD 2018   | Academic Program Fair                                                 |                                                                        |
| January 31, 2018   | Exchange/Study Abroad Program Application Deadline                    |                                                                        |
| Early February 2018| April Exam Schedule Posted  
Registration Begins for Summer Courses |                                                                        |
| February 2, 2018   | Munro Day-University Closed                                           |                                                                        |
| February 5, 2018   | Last Day to Drop Winter Term Courses Without a “W”  
Last Day to Change Winter Term Courses from Audit to Credit  
Last Day to Drop X/Y With a “W” |                                                                        |
| February 19-23, 2018| Winter Study Break                                                   |                                                                        |
| March 2018         | Fall and Winter Timetable 2018/2019 Will Be Available                 |                                                                        |
| March 12, 2018     | Last Day to Drop Winter Term Classes With a “W”                      |                                                                        |
| March 2018         | Registration Opens for Returning and Transfer Students               |                                                                        |
| March 30, 2018     | Good Friday-University Closed                                         |                                                                        |
| April 10, 2018     | Last Day of Classes, Winter Term  
Monday April 9 and Tuesday April 10-Friday Classes will be held |                                                                        |
| April 12-26, 2018  | Exam Period                                                           |                                                                        |
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*From selecting a major to applying for travel awards, you may find your questions answered right here!*

Section 4: Resources & Finding Help  

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- Academic Advising  
- Preparing for an Advising Appointment  
- Personal and Career Counselling  
- Studying for Success  
- More resources

Section 5: Forms and Checklists  

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A. Commonly-Used Forms – What They Are and Where to Find Them  
B. ESS Program Checklists and Forms
So you want to study sustainability at Dalhousie...

This handbook will help from start to finish by deciphering the academic lingo, explaining your options, highlighting key regulations, laying out the ESS requirements in checklists and telling you where to go for help. While we hope you will find it very useful, remember that it is a summary, so it does not replace the Academic Calendar, and it is general, so it does not replace meeting with your Academic Advisors!

Environment, Sustainability and Society
The Environment, Sustainability and Society (ESS) program is an undergraduate program offered by the College of Sustainability (CoS) at Dalhousie University. It is the first program of its kind in Canada. The College of Sustainability is a unique academic unit that is governed by four Faculties: Arts & Social Science, Architecture & Planning, Science, and Management. This means that students can pursue an ESS degree in any of these Faculties.

ESS Degree Program Options:
- Bachelor of Arts (BA): Double major or combined honours degree in ESS with any major/honours subject in the Faculty of Arts and Social Science or the Faculty of Science.
- Bachelor of Science (BSc): Double major or combined honours degree in ESS with any major/honours subject in the Faculty of Science.
- Bachelor of Management (BMgmt): Major in ESS
- Bachelor of Community Design (BCD): Double major or honours double major in Community Design and Sustainability
- Bachelor of Journalism (BJH): Combined honours in Journalism and ESS
- ESS Minor is available to students in BA, BSc, BMgmt, BComm (Commerce), BCS (Computer Science), BACS (Applied Computer Science) and BInf (Informatics)

Section 1: Deciphering the Academic Lingo

A. Basic terms and concepts

Credit hours
Dalhousie courses are measured in credit hours, however, you may encounter the older terminology of “full credits” and “half credits”.
Half credit = 3 credit hours
Full credit = 6 credit hours
All ESS degrees are a total of 120 credit hours (except BJH which is 123 credit hours).

Course codes
A course code includes the subject, course number and credit hours. “XY” indicates a “full year” course spanning fall and winter term.
Examples:
- SUST 3002.03 is 3 credit hours in 1 term.
- SUST 1000.06 is 6 credit hours in 1 term.
- ENGL 1000XY.06 is 6 credit hours spread over both fall and winter terms.
For more information about course codes see the Academic Calendar > General Information > Course Codes

Course load
A “full” course load for one term (example: fall term, September to December) is 15 credit hours. You don’t have to take a full course load, but please check the conditions of your awards, scholarships and loans before making this decision.

First Year Tip: If you’re taking SUST 1000.06 in fall term, a full course load would normally include 3 (NOT 4) other 3-credit-hour courses for a total of 15 credit hours. Same goes for SUST 1001.06 in winter term.
Grade Point Average (GPA)
GPA is the numeric representation of the letter grades you earn in your courses. The conversion chart is on page 8.

- Term GPA is the average of the grades in courses taken that term, weighted by credit hours (a 6 credit hour course carries double the weight of a 3 credit hour course). If you are taking XY courses, your Fall term GPA is updated at the end of the Winter term.
- Cumulative GPA is a running average of all the courses you have taken up to that term.
- Honours GPA is the cumulative GPA of your Honours subject courses above 1000 level. For ESS Combined Honours this includes SUST courses, ESS Electives and your allied subject courses above 1000 level.

B. Degree Options Defined

Major
A Major is a degree with one particular field of study, chosen as the “Major Subject”. A Major normally requires a total of 120 credit hours. The only ESS degree that is done as a “Major” is BMgmt. The others are Double Majors.

Double Major
A Double Major is a degree with two particular fields of study, known as “allied subjects”. A Double Major also requires a total of 120 credit hours, so it usually takes 4 years of full time study. In the BA, BSc and BCD degrees, ESS can be chosen as one of the allied subjects in a Double Major. Combine it with any other subject in those Faculties! ESS can’t be done as a stand-alone Major in those degree programs, just a double major.

Honours
Honours is a variation of the Major, often with more particular course requirements and a research-based thesis in the final year. It’s also a total of 120 credit hours and normally takes 4 years of full-time study. An honours degree is usually required for admission to graduate programs (e.g., master’s and doctoral degrees) because of the depth of study, the higher minimum GPA, and the Honours Thesis. You may study ESS in an Honours degree, but it must be “Combined Honours” (see next definition!) (except technically for the Bachelor of Journalism Honours – talk to your Advisor!)

Combined Honours
Combined Honours is a variation of the Double Major available to BA and BSc students. It requires a research-based thesis in one of the two allied subjects in the final year, and may require more particular course requirements in one or both of the allied subjects. It’s also a total of 120 credit hours and normally takes 4 years of full-time study.
A variation of this is the BCD Honours, Double Major in Community Design and Sustainability, where the Honours requirements must be completed in Community Design.
For application and requirement details please see FAQs.

Minor
A Minor can be added to many 120 credit-hour degree programs to provide a significant body of knowledge in a field outside the major/honours subject(s). It can be a great way to focus your free electives, and demonstrates an additional area of expertise with a formal designation on your academic record. ESS double major/combined honours students may complete a Minor in a third subject, but it requires careful planning! ESS is also available as a Minor to students in many different degree programs. A Minor does not increase the total required credit hours of the degree.

- Minor subject options are DIVERSE! The complete list and all the details are in the Academic Calendar: Undergraduate Calendar > Minors (in left side menu)
- Every Major subject in the Faculty of Arts and Social Science and the Faculty of Science can be completed as a Minor. These Minor programs typically require a minimum of 18 credit hours above the 1000-level in that subject.
- There are several Minors that do not have an associated Major subject, but rather they require courses from a number of different subjects. For example, the Minor in Law and Society requires a selection of courses from an approved list including Law, Political Science, Philosophy, Contemporary Studies and Sociology. There is no Major in “Law and Society”, it is only available as a Minor. There are any other Minors like this, so check out the complete list!
- The Minor in Environment, Sustainability and Society is available to students in BA, BSc, BMgmt, BComm, BCD, BCSc, BACS, BInf, BMus and BSc(MedSci). See the Checklists section of this handbook for the details.
- Please note that a course cannot be used to satisfy a requirement of a Minor and a Major.
Certificate
Students can build skills in specialized areas by completing Certificates. Requirements may include course work, workshops and other academic projects. Certificates are recognized on your graduation transcript. For the complete list, eligibility and requirements please consult the Undergraduate Calendar 2017/2018 > Certificates.

Popular certificates taken by ESS students:
- RBC Sustainability Leadership Certificate (offered by the College of Sustainability – more details in FAQs)
- Certificate in Indigenous Studies
- Certificate in Science Leadership and Communication
- Certificate in Environmental Impact Assessment (EIA)
- Certificate in Geographic Information Science (GIS)

Co-operative Education
Some degree programs offer co-operative education, combining classroom learning with on-the-job, paid training experiences.
- BSc ESS students whose allied subject participates in the Science, Information Technology, Engineering Co-op Program may apply through the allied subject. Please ask your allied subject academic advisor for more information during your first year.
- BMgmt-ESS students may participate in the Bachelor of Management Internship Program after their third year. Please ask your Management advisor for more information.

C. Parts List – some assembly required

General Degree Requirement
General degree requirements are rules that apply to all students within a Faculty. These are described in detail below. General degree requirements may be satisfied by courses used to fulfill program requirements or by taking appropriate free electives.

Program Requirement
Program requirements are specific to each subject/department. These include specific required (sometimes called “core”) courses, as well as a certain number of courses chosen from the subject (see “subject electives” below). Checklists for ESS program requirements are in this handbook! Keep reading.

Elective
A course that is not specifically required is known as an elective. These come in various flavours...
- A free elective is a course that you choose from any subject, but be aware that they may not be entirely free! You may need to select your free electives strategically to fulfill your general degree requirements. If you choose to add a Minor to your degree you will need to use your free electives to complete the requirements of the Minor. Talk to your academic advisors!
- A subject elective is a course that you choose from within your subject in order to meet the credit hours required by your program, but the course is not specifically required by your program. You generally get more of these choices in your third and fourth years after completing the required “core” courses for your program.
- ESS has yet another sub-flavour called ESS Electives, which are courses about Environment, Sustainability and Society offered by other departments that are on our approved list which is included in this handbook and in the Academic Calendar.

Prerequisite
A prerequisite is a course you must take in order to take another (often higher level) course. The prerequisite course gives you the background you need to pursue further study in the area. For example, you must take first year Psychology before you can take second year Psychology courses.

Cross-listed courses
A cross-listed course is shared by more than one subject and usually (but not always) has the same course number with a different subject code. It is the exact same course and the degree audit sees them identically, but it only counts once, for one subject/requirement. For example: SUST 3701 and MGMT 3701 are the same course and are often noted as SUST/MGMT 3701.

Exclusion
An exclusion is when one course is close enough in content to another course that you can only get credit for one of them – even if you take both. For example, SUST 3502 (The Campus as a Living Laboratory) carries an exclusion with SUST 3701 (The Community as a Living Laboratory). Exclusions are noted in the course descriptions in the Academic Calendar. Be vigilant because the registration system allows you to register for exclusions without any warning.
**Transfer Credits**
If you have IB or AP credits from high school or have completed any credits at another post-secondary institution, you may be eligible for transfer credits. A minimum grade of C is required for transfer. Transfer credits are typically assessed when you are admitted which means they may already be on your academic record. You must take at least 50% of your courses at Dalhousie, so if you have completed more than 2 years at another university before transferring to Dalhousie, not all of your courses will appear on your Dal academic record. To use your transfer credits strategically talk to your academic advisors.

**Section 2: Academic Regulations to keep in mind**
See the Academic Calendar for COMPLETE Academic Regulations.

**Dalhousie Grading Scale**
This table explains and defines Dalhousie’s grading system and shows the GPA value that corresponds with each letter Grade.

<table>
<thead>
<tr>
<th>Grade</th>
<th>GPA Value</th>
<th>%</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.30</td>
<td>90-100</td>
<td>Excellent; Considerable evidence of original thinking; demonstrated outstanding capacity to analyze and synthesize; outstanding grasp of subject matter; evidence of extensive knowledge base.</td>
</tr>
<tr>
<td>A</td>
<td>4.00</td>
<td>85-89</td>
<td>Good; Evidence of grasp of subject matter, some evidence of critical capacity and analytical ability; reasonable understanding of relevant issues; evidence of familiarity with the literature.</td>
</tr>
<tr>
<td>A-</td>
<td>3.70</td>
<td>80-84</td>
<td>Satisfactory; Evidence of some understanding of the subject matter; ability to develop solutions to simple problems; benefitting from his/her university experience.</td>
</tr>
<tr>
<td>B+</td>
<td>3.30</td>
<td>77-79</td>
<td>Marginal Pass; Evidence of minimally acceptable familiarity with subject matter, critical and analytical skills (except in programs where a minimum grade of ‘C’ or ‘C+’ is required).</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>73-76</td>
<td>Inadequate; Insufficient evidence of understanding of the subject matter; weakness in critical and analytical skills; limited or irrelevant use of the literature.</td>
</tr>
<tr>
<td>B-</td>
<td>2.70</td>
<td>70-72</td>
<td>Compassionate reasons, illness; Neutral and no credit obtained.</td>
</tr>
<tr>
<td>C+</td>
<td>2.30</td>
<td>65-69</td>
<td>Neutral and no credit obtained.</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td>60-64</td>
<td>Neutral and no credit obtained.</td>
</tr>
<tr>
<td>C-</td>
<td>1.70</td>
<td>55-59</td>
<td>Neutral and no credit obtained.</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
<td>50-54</td>
<td>Neutral and no credit obtained.</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>0-49</td>
<td>Neutral and no credit obtained.</td>
</tr>
<tr>
<td>INC</td>
<td>0.00</td>
<td></td>
<td>Neutral and no credit obtained.</td>
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<tr>
<td>W</td>
<td>Neutral and no credit obtained.</td>
<td>Neutral and no credit obtained.</td>
<td></td>
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<tr>
<td>ILL</td>
<td>Neutral and no credit obtained.</td>
<td>Neutral and no credit obtained.</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>Neutral and no credit obtained.</td>
<td>Neutral and no credit obtained.</td>
<td></td>
</tr>
<tr>
<td>TR</td>
<td>Neutral and no credit obtained.</td>
<td>Neutral and no credit obtained.</td>
<td></td>
</tr>
<tr>
<td>Pending</td>
<td>Neutral and no credit obtained.</td>
<td>Neutral and no credit obtained.</td>
<td></td>
</tr>
</tbody>
</table>
**Good Academic Standing**
A cumulative GPA of 2.0 (C) is required to remain in Good Academic Standing.

**Academic Probation**
Students with a cumulative GPA lower than 2.00 (C), but greater than or equal to 1.70 (C-), who have completed at least 24 credit hours will be placed on academic probation. Students on probation may continue to register for courses as long as their term GPA is at least 2.00 (C). A student on probation who does not achieve a term GPA of at least 2.0 will be academically dismissed. A student on probation must achieve a cumulative GPA of 2.00 to return to "good standing."

**Academic Dismissal**
Students with a cumulative GPA lower than 1.70 (C-) who have completed at least 24 credit hours will be academically dismissed for a 12-month period. After this period, students may apply for re-admission to most Faculties and will be considered on probation. Second dismissal rules vary between Faculties.

**Honours Graduation Requirements**
In order to graduate with an Honours degree you must meet the following requirements:
- BA: Honours GPA of 2.7, with no individual grade less than C in Honours subject courses above 1000 level
- BSc: Honours GPA of 3.0, with no individual grade less than C in Honours subject courses above 1000 level
- BCD: Cumulative GPA of 3.0 and minimum 3.0 in required PLAN courses and Core Electives. See School of Planning for details.
- BMgmt: There is no Honours degree available in the BMgmt program.

Admission requirements differ by Faculty AND department! Refer to the Academic Calendar and your academic advisors.

**Degree requirements by year**
Your degree requirements are tied to the year you started your degree. If you began a BA degree in the 2017/2018 academic year, you should refer to that year’s Academic Calendar when researching your program requirements. If you change your degree program (eg. BSc to BA) the requirements in effect when you make this change will apply. You may request to follow a newer set of requirements by emailing degreeaudit@dal.ca. Make sure to communicate this with your academic advisors as well.

**Upper level courses**
You must complete at least 72 credit hours above the 1000 level. This means that if you take more than 48 credit hours of 1000 level courses they stop counting towards the total requirement of 120 credit hours. For example, if you take 51 credit hours of 1000 level courses you still need to take 72 credit hours above the 1000 level, so you will end up with 123 credit hours in total.

**Outside Electives**
For BA and BSc degrees there is a limit on how many elective courses you can take from outside the Faculty of Arts and Social Science, Faculty of Science and the Faculty of Computer Science. This maximum is waived if you have declared a Minor in that subject. For outside electives, students may take:

- 18 credit hours from courses offered in other Faculties OR
- 18 credit hours from courses offered in other faculties and 6-credit hours in Commerce OR
- 24 credit hours in Commerce

**Academic Integrity a.k.a. Plagiarism**
Plagiarism, defined as “the submission or presentation of the work of another as if it were one's own”, is a serious academic offence that can result in a failing grade, suspension or expulsion from the university. Please read Dalhousie’s page on academic integrity [here](http://academicintegrity.dal.ca/) to learn more about plagiarism, paraphrasing, citing, discipline, penalties and services available to students to help them avoid accidentally plagiarizing someone else's work.

**Grades of ILL**
A course grade of ILL can be granted for significant medical or compassionate reasons that prevent a student from completing a course. If the course is still in session, and it is past the last day to withdraw, the professor for the course can grant a grade of ILL with the appropriate documentation (i.e. a written explanation from a doctor). If the course is over, you can provide the documentation to the Assistant Dean of your Faculty. Please speak to an Academic Advisor for assistance if you have questions concerning ILL grades. An ILL grade is neutral in your GPA and gives no credit. There is no tuition refund.
Section 3: Frequently Asked Questions – FAQs

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1. I know that I want to study ESS, but I don’t know what I want to study with it. What are my options and how do I choose?
2. How do I change from one degree to another, for example, BA to BSc?
3. When do I need to choose an Allied Subject for my BA or BSc double major?
4. How do I declare or change a major and/or minor?
5. Can I change my major once I declare it?
6. Once I declare my majors, will I still be able to explore my other interests?
7. Should I pursue an Honours degree?
8. How and when should I apply for Combined Honours?
9. What is DARS?
10. How do I drop a course?
11. May I repeat a course?
12. May I take courses at another university or go on exchange? What are my options?
13. Does the College of Sustainability offer any awards or bursaries?
14. What is the RBC Sustainability Leadership Certificate?
15. May I take a year off and come back to Dal?
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17. Where do I find my course schedule, check my grades, request a transcript, apply to graduate…?

1. I know that I want to study ESS, but I don’t know what I want to study with it. What are my options and how do I choose?

This is your full range of ESS degree program options:

- Bachelor of Arts (BA): Double major or combined honours degree in ESS with any major/honours subject in the Faculty of Arts and Social Science or the Faculty of Science.
- Bachelor of Science (BSc): Double major or combined honours degree in ESS with any major/honours subject in the Faculty of Science.
- Bachelor of Management (BMgmt): Major in ESS
- Bachelor of Community Design (BCD): Double major or honours double major in Community Design and Sustainability
- Bachelor of Journalism (BJH): Combined honours in Journalism and ESS
- ESS Minor is available to students in BA, BSc, BMgmt, BComm (Commerce), BCS (Computer Science), BACS (Applied Computer Science) and BInf (Informatics)

Tips for choosing your flavour of ESS degree and allied subject:

- Consider your academic strengths and interests
- Browse the course listings of upper year courses and see what grabs your attention
- Take first year courses in subjects that interest you
- Talk to professors, tutorial coordinators and teaching assistants (TA)
- Meet with academic advisors
- Visit the Frank G. Lawson Career Information Centre
- Attend the Academic Program Fair in January
- Seek out students in the programs you are interested in.
- Join Your Environment Sustainability Society (YESS) to network with other ESS students and find out what they are doing

BA and BSc students will need to select an Allied Subject for the Double Major, listed on the next page. Note that BA students may choose a subject from the Faculty of Arts and Social Science or the Faculty of Science.
2. How do I change from one degree to another, for example, BA to BSc?
If you want to change your degree you will need to apply to that degree program with the Dalhousie online application form. First, meet with the appropriate Academic Advisors to discuss your ideas to make sure this is the right move. Review the Admission Requirements for that degree in the Calendar. If you do not meet the admission requirements you may take university prep courses to become eligible, but note that these do not usually count for university-level credit.

3. When do I need to choose an Allied Subject for my BA or BSc double major?
Most students spend first year exploring other subjects of interest and decide before starting second year. This is ideal since you can register for the required 2nd year courses and you will be right on schedule with your program requirements. But this is not necessary, and it is common for students to decide in 2nd year, or to change their decision along the way. If you decide late or change your mind, it may be possible to “catch up” with the required courses – meet with your academic advisors!

4. How do I declare or change a major and/or minor?
You can declare and change your Majors and/or Minor through your Dal Online account, Web for Students, after you complete 30 credit hours (first year). It is a good idea to declare your Majors (and Minor) so you will be included in communications that the department(s) send to students, and it allows you and your academic advisors to check your progress with the Degree Audit Reporting System (DARS). See below for declaring Honours. See also: Registrar’s Office > How to: Declare a Major

5. Can I change my major once I declare it?
You can change your Majors at any time during your program in Dal Online. If you delay or change too frequently, it may take longer to complete your degree, which is not necessarily a bad thing! If you find your passion in 3rd year, pursue it, even if it may extend your degree. Better to graduate in 5 years with an education that fits, than 4 years with a mis-match.

6. Once I declare my majors, will I still be able to explore my other interests?
The Double Major has room for free electives, and with careful planning you should be able to pursue a Minor or Certificate alongside your Double Major, or simply take free electives from other subjects that interest you. Students are often surprised by how much flexibility exists within the Double Major. Meet with your Academic Advisors early and often to capitalize on these other exciting options!

7. Should I pursue an Honours degree?
If you meet the Honours requirements for your Faculty (see Academic Regulations, above) you should consider pursuing the Honours degree. Why?
• BA and BSc students who wish to pursue a Masters or PhD in Graduate School should definitely complete an Honours degree. An Honours degree is required for many graduate programs. If you are not sure if you’ll continue in grad school, the Honours Thesis experience is a great way to help you decide. It also provides you with an opportunity to improve your research and writing skills which will serve you well in the job market, too.
• If you don’t meet the academic requirements for Honours but you want to pursue grad school, don’t despair. Not all grad school programs require an Honours degree for admission but you’ll need to do more research to find the right one.
• BCD students who wish to gain professional accreditation as a Planner must complete BCD Honours.

8. How and when should I apply for Combined Honours?
• For once the answer is NOT with Dal Online! Apply for Honours with the Honours Application Form, available for download from the Registrar’s Office website.
• The Honours Application Form is due in September of your final year but please submit it before you register for your final year courses so that DARS can confirm that you will indeed meet the requirements for Combined Honours.
• Be aware that MANY subjects have particular 2nd, 3rd and 4th year course requirements for Honours, even if you intend to write your Honours Thesis in the other subject! Discuss this with both Academic Advisors early.
• More info about ESS Honours Thesis: College of Sustainability > Programs > ESS > SUST courses > SUST 4900
• If you intend to complete your Honours Thesis in ESS, you will need to submit the “Intent to Register for ESS Honours” form by the end of the winter term prior to beginning your Honours Thesis. The form is included in the Checklists and Forms section of this handbook but must be submitted online. Admission to ESS Honours requires a GPA in SUST/ESS Electives above 1000 level of 3.3 or better, with no grade less than C.
• BCD students must apply for Honours with the School of Planning during third year.
• There is no Honours degree for BMgmt. BMgmt students who wish to complete an Honours Thesis in ESS should discuss this with the ESS Academic Advisor. This does NOT convert the BMgmt Major in ESS to Honours.
• BCD-ESS Double Major students who choose not to complete BCD Honours may apply to complete an ESS Honours Thesis, but this does not convert the degree to an Honours degree. It remains a BCD Double Major.

9. What is DARS?
DARS is the Degree Audit Reporting System which you and your academic advisors can use to check on your progress toward completing all of the requirements for your degree. You can access it through Dal Online, Web for Students. It can be difficult to interpret, so feel free to ask your academic advisors to review it with you.

10. How do I drop a course?
If you have registered for a course and decide not to continue you may withdraw from (drop) the course in Dal Online, but the

an F) for the course. If you find yourself reading this document after you have made this error, you may request a retroactive withdrawal through the office of the Dean of your Faculty.

11. May I repeat a course?
If you fail a course or get a very poor grade you may choose to repeat the course. This is permitted, but you should keep these things in mind:
• You must pay the full tuition for the course again.
• The credit hours will only count once.
• Both course attempts and their grades will remain on your academic record with a notation that the course was repeated.
• Only the higher grade will be used in the calculation of your cumulative GPA, but the course codes must be exactly the same! Taking a similar course with a different code, even if they are considered Exclusions of each other, will not remove the lower grade from your GPA.
• Some departments have minimum grade requirements for continuing in upper level courses, and some departments limit the number of courses that can be repeated, or the number of times a particular course can be repeated, in order to achieve the minimum grade required. Please check the rules of your department before you follow this strategy.

12. May I take courses at another university or go on exchange? What are my options?
Students in good academic standing following their first year of study may request permission to take courses at other accredited universities and have them count toward their degree at Dalhousie. There are 3 big categories here:
• Exchange Programs: Attend another university for 1 or 2 terms while paying tuition at Dalhousie. See the list of approved Exchange programs and ALL the important details on the International Centre website.
• Study Abroad: Attend another university for 1 or 2 terms while paying tuition at the host university. See the list of approved Study Abroad programs and ALL the important details on the International Centre website.
• Any other accredited university: You may request permission to take courses offered through any accredited university. You will pay tuition at the host university. You might do this to pick up a pre-requisite in the summer, take an online course that isn’t offered at Dal, or attend another university for a term or a year. You have so many options!

In all situations:
• You need to request a Letter of Permission: A degree-seeking student (that’s you!) MUST get permission from their home university (that’s Dalhousie!) to take courses at another university. This is called a Letter of Permission, but it’s actually a form. Do this BEFORE you register for courses at the other school! Your Academic Advisors will help you with this process.
• You need to get informed and PLAN AHEAD!!
• Please explore the thorough information available on the International Centre website.

13. Does the College of Sustainability offer any awards or bursaries?
Yes! We offer financial assistance for students to travel for internships, experiential learning opportunities and conferences. Students who have declared their Major in ESS may apply for the following bursaries and awards:

The Ambury and Victoria Stuart International Internship Bursary is intended to support international internships for second- or third-year students enrolled in the ESS program who are planning a semester abroad that will involve an internship or experiential learning opportunity. Recipients of bursary support are required to submit regular reports during their time abroad and a final reflection, following their return, describing the benefits derived from their experience.

Deborah Buszard Bursary is intended to support a third- or fourth-year student (enrolled in the ESS program) who wishes to participate in an internship or experiential learning opportunity. Preference will be given to applications that show clear evidence of financial need.

Environment, Sustainability and Society Student Travel Awards are available to students who are majoring in ESS and are in need of financial support to participate in an internship, conference or other educational opportunity. Students must demonstrate that they have sought additional funding through other available sources.

Application letters are due October 31st and March 15th each year. Complete details and requirements are on our website: College of Sustainability > Programs > ESS > Scholarships, Bursaries and Awards

14. What is the RBC Sustainability Leadership Certificate?
The Royal Bank of Canada (RBC) Sustainability Leadership Certificate (SLC) allows students to take abstract concepts and apply them to help address a community’s very real needs. This collaborative multi-disciplinary approach is taught over the course of three-weekend modules between October and March with the completed certificate added to student transcripts.
• Open to all Dal students in 2nd year and above, and first-year ESS students enrolled in SUST 1000, as well as Dal graduates.
• Complete details and application form: College of Sustainability > Programs > RBC Sustainability Leadership Certificate

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15. May I take a year off and come back to Dal?
Want to take a year off (or more) to work or travel? Need time for self-discovery? Taking time off is easy. Just make sure you aren’t registered in any courses. You wouldn’t want to get charged tuition fees for courses you are not taking! Coming back is not difficult either! When you decide to come back to Dalhousie, you will need to reapply and submit a letter outlining what you did during your time away and what you plan to do upon your return to Dalhousie. If you are reapplying to the same program, and you have not taken courses at any other colleges or universities, the application fee is waived. Not sure whether taking time off is the right decision? Come by the College of Sustainability for an appointment and we will try to help put things in perspective. University is a different experience for everyone and we are here to help make the process as painless and enjoyable as possible.

16. How do I…?
The Registrar’s Office Website has a list of “How Tos” with thorough information and links to all the forms. Check it out!

17. Where do I find my course schedule, check my grades, request a transcript, apply to graduate…?
“Web for Students” is your portal to all of your academic records. Log in via Dal Online using your Net ID and Password. These are some of the highlights:

<table>
<thead>
<tr>
<th>Admissions</th>
<th>Complete application</th>
<th>If you want to switch to a different faculty, you can apply online here.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Declare your major</td>
<td>This will take you to a form on the Dal website where you can select your major(s) and minor from a drop-down menu.</td>
</tr>
<tr>
<td>Registration</td>
<td>Registration status</td>
<td>Check what day and time you are permitted to register for courses.</td>
</tr>
<tr>
<td></td>
<td>Add/drop courses</td>
<td>Choose courses by recording their CRN numbers (and CRNs for tutorials and labs, if applicable) and putting them into this form. Make sure you have the right term selected and that you have completed the prerequisites for the course.</td>
</tr>
<tr>
<td></td>
<td>Schedule by day/time</td>
<td>View a weekly schedule of your courses.</td>
</tr>
<tr>
<td>Student Records</td>
<td>View holds</td>
<td>See if you have any holds on your account which could prevent you from registering for courses.</td>
</tr>
<tr>
<td></td>
<td>Final grades</td>
<td>View your final grades by term.</td>
</tr>
<tr>
<td></td>
<td>Academic record</td>
<td>View your entire academic record in a pdf that you can print or save.</td>
</tr>
<tr>
<td></td>
<td>Official transcripts</td>
<td>Fill out a quick form with the number of transcripts you would like and where you want them sent. If you are a journalism student, contact the King’s Registrar’s Office for transcripts.</td>
</tr>
<tr>
<td></td>
<td>Account detail</td>
<td>Check your account balance and see what your tuition and fees are for the semester.</td>
</tr>
<tr>
<td></td>
<td>Confirmation of Enrolment</td>
<td>Request a letter confirming your enrolment or completion of degree requirements.</td>
</tr>
<tr>
<td></td>
<td>Apply to Graduate</td>
<td>This quick and efficient form is used to apply to graduate. The deadline to apply for May graduation is December 1.</td>
</tr>
<tr>
<td>Canada Tax Forms</td>
<td>View and print your T2202A tax form</td>
<td></td>
</tr>
<tr>
<td>Degree Audit Reporting System (DARS)</td>
<td>See which degree requirements you have met and which ones are still outstanding by running an audit on your degree. Stop by the College of Sustainability if you need help interpreting what your audit says or if you have any concerns about it.</td>
<td></td>
</tr>
<tr>
<td>Transfer Credit Equivalencies</td>
<td>Check to see if a course you want to take at another institution or a course you have already taken has been previously assessed.</td>
<td></td>
</tr>
<tr>
<td>Academic Timetable</td>
<td>Browse which courses are being offered in current and future terms.</td>
<td></td>
</tr>
</tbody>
</table>
Section 4: Resources & Finding Help

University studies and life are challenging in so many ways, but there are many resources to help you survive and thrive.

College of Sustainability

The College of Sustainability has an open door policy – we are here to help you through many kinds of difficulties. Sometimes you will meet with someone directly in our office, like one of our academic advisors. We provide degree advising and direction to students who are unsure of their program choices. Depending on the time of year, you can drop in or you can book an appointment in advance. Sometimes we may refer you to one of the other services available, like another departmental advisor, the Registrar’s Office, Dalhousie Counseling Services, the Career and Leadership Development Centre, an academic success coach, or one of your professors. If you know you need to speak to someone but are not sure who, drop by and tell us what is on your mind. We are here to help you make the most of your university experience. Email: ess.advising@dal.ca

Before an advising appointment...

☐ The Academic Calendar: This is a great place to research degree options and course offerings. Read up on the different departments and see what classes are offered. Patterns will start to emerge – you may find you are interested in 20 history courses, but only two Political Science courses. You may even discover you are interested in many different subjects. That’s okay! We can help you choose a degree path that will allow you to explore your interests.

☐ Self-reflection: The more thought you put into your own academic interests, the easier it will be to help you find a degree that is right for you. Although you may not know the answers to these questions yet, it helps to think about them before you come in for an appointment.
  ▪ What are my areas of academic strength?
  ▪ What are my areas of academic interest?
  ▪ Do these coincide with each other?
  ▪ What are my interests outside the classroom?
  ▪ What are my career goals at this stage?

☐ Talk to other students: It is important to talk to other students who are currently studying in the degree programs you are considering. Students study in an enormous range of programs – ask around to find out who is studying in departments you are curious about. Upper-year students are often more than willing to talk about their experiences in their chosen departments and are often present at departmental information sessions.

Counseling Centre

Sometimes university is not as straightforward as you think it will be. We all have roadblocks and obstacles that prevent us from getting where we want to go. That’s why there are resources in place to help when things are not going so well. Dalhousie Counseling Services can help you cope with challenges you are facing in university. The staff of professionally trained counselors are experienced in providing confidential counseling to students from many different backgrounds and cultures. Some counselors specialize in career counseling and development.

Counselors can help you discuss your concerns or examine a situation that is making you feel anxious, depressed, unhappy, or ‘stuck’. By talking through your concerns with a counselor, you may deepen your understanding of what is happening and develop alternate ways of dealing with the situation.

2nd floor, LeMarchant Mixed-Use Building
Call (902) 494-2081 to make an appointment
Career and Leadership Development

The Career and Leadership Development Centre exists to help you move forward in your educational and career planning. Visit them to find ideas on what you can do with your major, information on advanced studies, or just to browse the extensive library. The centre is staffed by a full-time career librarian who is there to answer your questions and help you navigate through the resources at your fingertips.

You can book an appointment with a career counselor, take a test to see where your interests lie, or just drop by and look through the information on your own. A well-stocked and continually expanding inventory of print and electronic resources is available to provide you with information that is relevant and up-to-date.

4th Floor, Dalhousie Student Union Building, behind the large glass doors
Open Monday - Friday, 8:30am - 4:30pm

Academic Support

Students have access to personal coaching and tutoring through Dalhousie’s Advising and Access Services Centre. Students can meet with a Study Skills Coach by appointment or during scheduled drop-in times. The coaches are Masters and PhD students who bring expertise in a wide range of subject areas. Coaching is free, confidential, and will be tailored to individual student needs. It can also include help in understanding course materials and assist in enhancing skills, study habits and time management. For more information, please visit https://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring/personal-coaching.html

Workshops Available

Advising and Access Services at Dalhousie offers a wide-range of free workshops to help students develop problem solving, exam writing, critical reading and a variety of other skills. Visit the Student Services website (https://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring/workshops.html) for information about upcoming workshops.

Departmental Advisors

Each department has at least one undergraduate advisor who specializes in that department’s course offerings and degree requirements. You can find a list of all arts advisors at fass.dal.ca and a list of all science advisors at science.dal.ca.

We encourage you to participate in advising events at Dalhousie and King’s and to meet with advisors in departments of interest. The Dalhousie Program Fair take place in January each year and provides you with an opportunity to meet with professors from every department who can answer your questions.

We strongly encourage you to make an appointment to discuss your degree options! Stop by the College of Sustainability any time to schedule a degree consultation. If you are pursuing an honours degree, you will eventually need to meet with the honours coordinator of the department(s) that interests you. We can help you identify who you need to contact and by when.

Academic Calendars

Dalhousie's academic calendar is available online at http://academiccalendar.dal.ca. Here you can find degree requirements, university regulations, course descriptions, and more for the range of Faculties on campus. Previous years’ Calendars are archived under the “PDF Versions” link in the right side menu of the Academic Calendars page.
The King’s academic calendar is accessible on the King’s website at www.ukings.ca, under the Current Students tab. It contains similar information to the Dalhousie calendar, except it is limited to King’s programs. It also includes important information that governs the relationship between the student and the university, such as policies on code of conduct, discrimination, accessibility, academic discipline and appeal procedures.

**DARS (Degree Audit Reporting System)**

DARS is a handy little tool you can access through your Dal Online account. Once you have declared a major you can run reports and track the progress of your degree. You can even enter courses you are thinking of taking, to see how they will affect your degree. This is an excellent tool for double checking before registering.

If you are planning on doing an honours degree, you will not be able to run a DARS report until your academic record has been updated (a great incentive for you to get your form approved early in your degree!) Please see the Academic Advisor in the College of Sustainability for assistance with planning your degree and tracking your requirements.

**College of Sustainability Website, Newsblog & Social Media**

For more information about our program, you can check out the College of Sustainability website at https://www.dal.ca/faculty/sustainability.html. Here you can find information on academic advising, registration, academic trouble, and electronic versions of the most commonly used academic forms and transcripts.

Feel free to follow us on Twitter and Instagram @dalsustlife and to join our group on Facebook called Dalhousie College of Sustainability Students, Alumni & Staff. These outlets will keep you informed about upcoming events, contests and news within the College of Sustainability.

**Section 5: Forms & Worksheets**

**A. Commonly-used forms – what they are and where to find them**

Sometimes it is hard to keep track of all the paperwork you might need. Below is a list of common forms for current students. Don’t worry; if you come into the office, we can direct you to the appropriate piece of paperwork. Just know if you experience a problem, there might be a form that can help you fix it!

**Application for a waiver of an academic regulation:**
This form can be used to request a retroactive withdrawal from a course or to request a waiver of a degree requirement. Students often need to submit supplementary documentation with a request, such as a medical note. Once complete, the form can be forwarded to the Assistant Dean of your faculty.

**Course add/drop form:**
You can use this form when you need special permission to register for a course following the normal registration period, if the course is wait-listed, if the professor is overriding a prerequisite, or if you are switching to a different section of a full-year course.

**Honours application:**
This form is required for all students who intend to complete an honours degree. List your previous, current, and planned coursework chronologically, have your departmental honours advisor(s) sign off on the form, and return it to the Registrar’s Office for processing.

**Intent to Graduate Form:**
The most efficient way to apply to graduate is through your Dal Online account. There are also paper copies available in the Registrar’s Office if you need to apply after the deadline has passed. A $50 fee is charge to those who do not apply by the deadline. For a list of deadlines, please consult the Registrar’s Office or the Academic Calendar.

**Letter of permission:**
You can fill this out when you want to take courses at another institution. To check if courses have been previously assessed, you can visit the Transfer Credit Equivalency Table through your Dal Online account.

**Reassessment of a final grade:**
If you feel that you received an unfair grade on a final exam or assignment, you can submit this form to have the work reassessed. There is a $50 fee, which will be refunded to you if the grade is increased.
Request to exceed the normal workload:
The maximum workload for Arts and Science students is 15 credit hours per term (i.e. 5 courses). If you have a GPA of 3.0 or over in the previous term, you can contact the Registrar’s Office and we will increase your maximum credit hours to 18 per term. If your GPA is below 3.0, you will need to fill out this form and submit it to your faculty for approval.

Transcript Request Form:
The best way to request transcripts for Arts and Science students is through your Dal Online account. These transcripts are processed at the Dal Registrar’s Office in the Henry Hicks Building. For Journalism transcripts, please contact the King’s Registrar’s Office for guidance.

B. ESS Checklists and Forms
The worksheets on the following pages have been designed to help you plan your degree. They do not replace the Academic Calendar and should be used in consultation with your academic advisors and cross-checked with your degree audit.

Index:
1. BA: ESS Requirements for Double Major, Combined Honours and Minor, and General Degree Requirements
2. BSc: ESS Requirements for Double Major, Combined Honours and Minor, and General Degree Requirements
3. BMgmt: ESS Requirements for Major and Minor
4. BCD: ESS Requirements for Double Major and Honours in Community Design and Sustainability
5. BJH: ESS Requirements for Combined Honours in Journalism and ESS
6. Requirements for Minor in ESS
7. List of Approved ESS Electives
8. ESS Honours Thesis: Intent to Register
# Environment, Sustainability and Society (ESS) Requirements for Bachelor of Arts (BA)

## ESS Requirements for BA Double Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>Introduction to ESS 1</td>
<td>(6 credit hours in fall term)</td>
</tr>
<tr>
<td>SUST 1001.06</td>
<td>Introduction to ESS 2</td>
<td>(6 credit hours in winter term)</td>
</tr>
<tr>
<td>SUST 2000.06</td>
<td>Local Governance, Citizen Engagement and Sustainability</td>
<td></td>
</tr>
<tr>
<td>SUST 2001.06</td>
<td>Global Environmental Governance</td>
<td></td>
</tr>
<tr>
<td>SUST 3000.03</td>
<td>Environmental Decision-Making</td>
<td></td>
</tr>
<tr>
<td>SUST 3502.03</td>
<td>Campus as Lab (Winter) or SUST 3701.03 Community as Lab (Fall)</td>
<td></td>
</tr>
<tr>
<td>6 credit hours SUST / ESS Electives:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUST 4000XY.06</td>
<td>Environment, Sustainability and Society Capstone</td>
<td></td>
</tr>
</tbody>
</table>

➢ The same course may *not* be used to satisfy a requirement of both allied subjects.

## ESS Requirements for BA Combined Honours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
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<td>Introduction to ESS 1</td>
<td>(6 credit hours in fall term)</td>
</tr>
<tr>
<td>SUST 1001.06</td>
<td>Introduction to ESS 2</td>
<td>(6 credit hours in winter term)</td>
</tr>
<tr>
<td>SUST 2000.06</td>
<td>Local Governance, Citizen Engagement and Sustainability</td>
<td></td>
</tr>
<tr>
<td>SUST 2001.06</td>
<td>Global Environmental Governance</td>
<td></td>
</tr>
<tr>
<td>SUST 3000.03</td>
<td>Environmental Decision-Making</td>
<td></td>
</tr>
<tr>
<td>SUST 3502.03</td>
<td>Campus as Lab (Winter) or SUST 3701.03 Community as Lab (Fall)</td>
<td></td>
</tr>
<tr>
<td>6 credit hours SUST / ESS Electives:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6 credit hours SUST at 3000 level and above (SUST 4000XY.06 ESS Capstone recommended)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 4900XY.06</td>
<td>ESS Honours Thesis or thesis in allied subject</td>
</tr>
</tbody>
</table>

➢ The same course may *not* be used to satisfy a requirement of both allied subjects.

➢ Admission to ESS Honours Thesis requires a cumulative GPA of 3.3 in SUST/ESS Elective courses above 1000 level and an approved “Intent to Register for ESS Honours Thesis” form.

## Requirements for Minor in ESS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>Introduction to ESS 1 (full credit in fall term)</td>
</tr>
<tr>
<td>SUST 1001.06</td>
<td>Introduction to ESS 2 (full credit in winter term)</td>
</tr>
</tbody>
</table>

**Minimum 18 (max 27) credit hours SUST above 1000 level:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SUST</td>
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<td>SUST</td>
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<td>SUST</td>
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<tr>
<td>SUST</td>
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<tr>
<td>SUST</td>
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</tbody>
</table>

➢ The same course may *not* be used to satisfy a requirement of a Minor and a Major.
BA Double Major/Combined Honours General Degree Requirements

This is a summary of the BA Double Major/Combined Honours General Degree Requirements.

- Subject Grouping lists and complete details of the General Degree Requirements: Undergraduate Calendar > College of Arts and Science > General Degree Requirements
- Complete details of the Academic Regulations: Undergraduate Calendar > Academic Regulations

<table>
<thead>
<tr>
<th>6 credit hours in each:</th>
<th>Courses</th>
<th>Term/Year:</th>
<th>Done V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writing Requirement</td>
<td>SUST 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life/Physical Science</td>
<td>SUST 1000/1001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Science Subject</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language &amp; Humanities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language (not English)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Courses taken to satisfy these requirements may also be used to satisfy major subject requirements.
- The writing course may also satisfy the language/humanities or social science requirement.
- A course taken to satisfy the Language requirement may NOT also be used to satisfy the Language/Humanities requirement
- Students in ECON, PHIL, POLI, PSYO and SOSA may substitute 6 credit hours of MATH/STAT for the Language [NOT: MATH 1001.03, 1002.03, 1003.03, 1110.03, 1120.03 or 1115.03]

Overall requirements for completion of 120 credit hour BA Double Major/Combined Honours

Total: 120 credit hours

Above 1000 level: 72 credit hours (ie. max of 48 credit hours at 1000 level will count for the degree)

Above 1000 level in 2 allied subjects combined:
Double Major: Minimum 60 (Max. 84) credit hours
Combined Honours: Minimum 66 (Max. 84) credit hours (Min. GPA of 2.7, Min. C in every course)

Above 1000 level in each allied subject: Minimum 30 (Max. 48) credit hours
ESS count: ______
Allied Subject count: ______

Above 2000 level in each allied subject: Minimum 12 credit hours
ESS count: ______
Allied Subject count: ______

Distribution Requirement for BA Double Major only: In the last 90 credit hours (after first year) at least 6 credit hours in a single subject outside Major (“allied”) subjects.

Please compare with your Degree Audit in Dal Online!
# Environment, Sustainability and Society (ESS) Requirements for Bachelor of Science (BSc)

## ESS Requirements for BSc Double Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>Introduction to ESS 1 (6 credit hours in fall term)</td>
<td></td>
</tr>
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<td>SUST 1001.06</td>
<td>Introduction to ESS 2 (6 credit hours in winter term)</td>
<td></td>
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<td>Local Governance, Citizen Engagement and Sustainability</td>
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</tr>
</tbody>
</table>

### 6 credit hours SUST / ESS Electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 4000XY.06</td>
<td>Environment, Sustainability and Society Capstone</td>
<td></td>
</tr>
</tbody>
</table>

- The same course may **not** be used to satisfy a requirement of both allied subjects.

## ESS Requirements for BSc Combined Honours

<table>
<thead>
<tr>
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### 6 credit hours SUST / ESS Electives:

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<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 4000XY.06</td>
<td>Environment, Sustainability and Society Capstone</td>
<td></td>
</tr>
</tbody>
</table>

- The same course may **not** be used to satisfy a requirement of both allied subjects.
- Admission to ESS Honours Thesis requires a cumulative GPA of 3.3 in SUST/ESS Elective courses above 1000 level and an approved “Intent to Register for ESS Honours Thesis” form.

## Requirements for Minor in ESS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>Introduction to ESS 1 (full credit in fall term)</td>
<td></td>
</tr>
<tr>
<td>SUST 1001.06</td>
<td>Introduction to ESS 2 (full credit in winter term)</td>
<td></td>
</tr>
</tbody>
</table>

### Minimum 18 (max 27) credit hours SUST above 1000 level:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST</td>
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<tr>
<td>SUST</td>
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<tr>
<td>SUST</td>
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</tr>
</tbody>
</table>

- The same course may **not** be used to satisfy a requirement of a Minor and a Major.
BSc Double Major/Combined Honours General Degree Requirements

This is a summary of the BSc Double Major/Combined Honours General Degree Requirements.

- Subject Grouping lists and complete details of the General Degree Requirements:
  Undergraduate Calendar > College of Arts and Science > General Degree Requirements
- Complete details of the Academic Regulations:
  Undergraduate Calendar > Academic Regulations

<table>
<thead>
<tr>
<th>6 credit hours in each:</th>
<th>Courses</th>
<th>Term/Year:</th>
<th>Done V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writing Requirement</td>
<td>SUST 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life/Physical Science Subject Grouping</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Science Subject Grouping</td>
<td>SUST 1000/1001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language &amp; Humanities Subject Grouping</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics/Statistics</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Courses taken to satisfy these requirements may also be used to satisfy major subject requirements.
- The writing course may also satisfy the language/humanities or social science requirement.
- MATH/STAT requirement is NOT satisfied by any of the following: MATH 1001.03, 1002.03, 1003.03, 1110.03, 1120.03 or 1115.03

Overall requirements for completion of 120 credit hour BSc Double Major/Combined Honours

Total: 120 credit hours

Above 1000 level: 72 credit hours (ie. max of 48 credit hours at 1000 level will count for the degree)

Above 1000 level in 2 allied subjects combined:
- Double Major: Minimum 60 (Max. 84) credit hours
- Combined Honours: Minimum 66 (Max. 84) credit hours (Min. GPA of 3.0, Min. C in every course)

Above 1000 level in each allied subject: Minimum 30 (Max. 54) credit hours
- ESS count: ______
- Allied Subject count: ______

Above 2000 level in each allied subject: Minimum 12 credit hours
- ESS count: ______
- Allied Subject count: ______

Please compare with your Degree Audit in Dal Online!
Environment, Sustainability and Society (ESS) Requirements for Bachelor of Management (BMgmt)

**ESS Requirements for BMgmt Major**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>(6 credit hours in fall) OR SUST 1001.06</td>
<td>6</td>
</tr>
<tr>
<td>SUST 2000.06</td>
<td>(6 credit hours in fall) OR SUST 2001.06</td>
<td>6</td>
</tr>
<tr>
<td>SUST 3701.03</td>
<td>Community as Lab (fall) OR SUST 3502.03</td>
<td></td>
</tr>
<tr>
<td>SUST 4000XY.06</td>
<td>Environment, Sustainability and Society Capstone</td>
<td></td>
</tr>
</tbody>
</table>

6 credit hours SUST/ESS Electives at 2000 level or above:

3 credit hours of SUST/ESS Electives at 3000-level or above (MGMT 3701.03 is recommended)

* BMgmt students may take SUST 1000.06 or SUST 1001.06. Note that SUST 1000.06 satisfies the Writing Requirement while SUST 1001.06 does not. SUST 1000.06, 6 credit hours in fall term, fits more readily with the BMgmt first year courses. Other required courses for BMgmt in first and second year compensate for missing SUST 1001.06 and allow BMgmt students to continue with the 2000-level SUST courses, usually in their third year.

**ESS Electives:** The current list of ESS Electives is in the current Academic Calendar. Note that you may use the ESS Electives list in the Calendar from the year you began your degree program. Previous years’ academic calendars are archived on the Registrar’s Office website under “PDF Versions” in the right side menu.

**Requirements for Minor in ESS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>Introduction to ESS 1</td>
<td>6</td>
</tr>
<tr>
<td>SUST 1001.06</td>
<td>Introduction to ESS 2</td>
<td>6</td>
</tr>
</tbody>
</table>

**Minimum 18 (max 27) credit hours SUST above 1000 level:**

- SUST
- SUST
- SUST
- SUST
- SUST
- SUST

➢ The same course may not be used to satisfy a requirement of a Major and a Minor.
➢ Courses used to satisfy the Minor may also be used to satisfy General Degree Requirements.
➢ SUST 1000.06 satisfies the University Writing Requirement.
### Environment, Sustainability and Society (ESS) Requirements for Bachelor of Community Design (BCD) Double Major in Community Design and Sustainability

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06</td>
<td>Introduction to ESS 1 (6 credit hours in fall term)</td>
</tr>
<tr>
<td>SUST 1001.06</td>
<td>Introduction to ESS 2 (6 credit hours in winter term)</td>
</tr>
<tr>
<td>SUST 2000.06</td>
<td>Local Governance, Citizen Engagement, and Sustainability</td>
</tr>
<tr>
<td>SUST 2001.06</td>
<td>Global Environmental Governance</td>
</tr>
<tr>
<td>SUST 3000.03</td>
<td>Environmental Decision-Making</td>
</tr>
<tr>
<td>SUST 3502.03</td>
<td>Campus as Living Lab (winter) or SUST 3701.03 Community as Living Lab (fall)</td>
</tr>
<tr>
<td>SUST 4000XY.06</td>
<td>Environment, Sustainability and Society Capstone</td>
</tr>
<tr>
<td>6 credit hours from the list of approved ESS electives (not PLAN):</td>
<td></td>
</tr>
</tbody>
</table>

### Environment, Sustainability and Society Requirements for BCD Honours, Double Major in Community Design (Environmental Planning or Urban Design and Planning) and Sustainability

<table>
<thead>
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<th>Course Code</th>
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<td>Introduction to ESS 2 (6 credit hours in winter term)</td>
</tr>
<tr>
<td>SUST 2000.06</td>
<td>Local Governance, Citizen Engagement, and Sustainability</td>
</tr>
<tr>
<td>SUST 2001.06</td>
<td>Environment, Sustainability and Governance: a Global Perspective</td>
</tr>
<tr>
<td>SUST 3000.03</td>
<td>Environmental Decision-Making</td>
</tr>
<tr>
<td>SUST 3502.03</td>
<td>Campus as Living Lab (winter) or SUST 3701.03 Community as Living Lab (fall)</td>
</tr>
</tbody>
</table>

Qualified BCD students may apply for the Honours program in Year 3. See School of Planning for details.

**NOTE:** SUST 1000 and SUST 1001 satisfy the Social Sciences, Life & Physical Sciences and Writing requirements for BCD students.
Bachelor of Journalism (BJH) Combined Honours in Journalism and Environment, Sustainability & Society (ESS)

**ESS Requirements** (must be completed before final year of Journalism program)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>SUST 1001.06</td>
<td>Introduction to ESS 2 (6 credit hours in winter term)</td>
<td></td>
</tr>
<tr>
<td>SUST 2000.06 OR SUST 2001.06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 credit hours SUST or ESS Electives at 2000 level or above</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 credit hours SUST or ESS Electives at 3000 level or above</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BJH General Degree Requirements:**

**Six credit hours** selected from Canadian History, Canadian Political Science or Canadian Studies. See King’s Academic Calendar for list of approved courses. The same course can be used to satisfy this requirement and an ESS requirement (must be on both lists).

For complete details please consult the King’s College Academic Calendar, School of Journalism.
Environment, Sustainability and Society (ESS) Minor

Available to students in the following 120 credit-hour degrees:

- Bachelor of Arts (BA)
- Bachelor of Science (BSc)
- Bachelor of Management (BMgmt)
- Bachelor of Commerce (BComm)
- Bachelor of Computer Science (BCS)
- Bachelor of Applied Computer Science (BACS)
- Bachelor of Informatics (BInf)
- Bachelor of Music (BMus)
- Bachelor of Science (Medical Sciences)

Requirements for Minor in ESS

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum 18 (max 27) credit hours SUST above 1000 level:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 1000.06 Introduction to ESS 1 (6 credit hours in fall term)</td>
<td></td>
</tr>
<tr>
<td>SUST 1001.06 Introduction to ESS 2 (6 credit hours in winter term)</td>
<td></td>
</tr>
</tbody>
</table>

- The same course may not be used to satisfy a requirement of a Major and a Minor.
- Courses used to satisfy the Minor may also be used to satisfy General Degree Requirements.
- SUST 1000.06 satisfies the University Writing Requirement.
- SUST satisfies “Social Science” Subject Grouping for BSc students.
- SUST satisfies “Life and Physical Science” Subject Grouping for BA students.
LIST OF APPROVED ESS ELECTIVES

Note: It is the student's responsibility to check the course calendar for pre-requisites to these courses.

College of Sustainability
Any SUST course can be taken as an "ESS Elective".
SUST 2000.06: Local Governance, Citizen Engagement and Sustainability
SUST 2001.06: Global Environmental Governance
SUST 3000.03: Environmental Decision-Making
SUST 3002.03: Environment, Sustainability and Society Internship
SUST 3102.03: Coastal Change and Adaptation
SUST 3502.03: The Campus as a Living Laboratory
SUST 3701.03: The Community as a Living Laboratory
SUST 3950.03: Topics in Environment Sustainability and Society
SUST 4000X/Y.06: Environment, Sustainability and Society Capstone
SUST 4125.03: Conflict Negotiation & Sustainability
SUST 4950.03: Advanced Topics in Environment Sustainability and Society

Faculty of Agriculture
Agriculture
AGRI 2000.03: Transition to Organic Agriculture (Distance)
AGRI 4001.03: Agriculture, Food and Well-being (Distance)
Agronomy
AGRN 2000.03: Organic Field Crop Management (Distance)

Faculty of Architecture and Planning
Planning
PLAN 2010.03: Sustainable Community Design.
PLAN 3001.03: Landscape Ecology
PLAN 3005.03: Cities and the Environment in History
PLAN 3010.03: Urban Ecology

Faculty of Arts and Social Sciences
Canadian Studies
CANA 3020.03: Canadian Cultural Landscapes
CANA 3052.03: Indigenous Social Health and Environmental Issues

Contemporary Studies
CTMP 3210.03: Intersecting Bodies, Selves and Environments

Early Modern Studies
EMSP 2330.03: Nature Imagined: Literature and Science in Early Modern Europe

German
GERM 3550.03: Germany and the Environment

History
HIST 3210.03: Canadian Cultural Landscapes
HIST 3370.03: North American Landscapes

History of Science and Technology
HSTC 3212.03: The Biosphere: Global Perspectives in Science and Philosophy

International Development Studies
INTD 3012.03: Sustainability, Development and Economy
INTD 3114.03: Environment and Development
INTD 3304.03: Sustainable Development in Cuba
Philosophy
PHIL 2480.03: Environmental Ethics
PHIL 2485.03: Technology and the Environment

Political Science
POLI 3385.03: Politics of the Environment
POLI 3589.03: Politics of the Sea I
POLI 4380.03: Politics of Climate Change
POLI 4590.03: Politics of the Sea II

Sociology and Social Anthropology
SOSA 2101.03: Environment and Culture
SOSA 2102.03: Political Ecology
SOSA 2401X/Y.06: Food and Eating Across Cultures
SOSA 2402.03: Food and Culture
SOSA 2403.03: Food Activism
SOSA 3190.03: Social Movements
SOSA 3200.03: Environment and Society
SOSA 3052.03: Indigenous Social Health and Environmental Issues

Faculty of Engineering
ENVE 3000.03 / IDIS 2000.03: Fundamentals of Environmental Engineering
ENVE 3432.03: Waste Management
MINE 4815.03: Mining and the Environment

Faculty of Health Professions
Health and Human Performance
HAHP 3000.03: Community Development

Faculty of Management
Management
MGMT 2702.03: Resource and Environmental Management
MGMT 3702.03: Resource/Environmental Problem-Solving 2: Sustainable Industries
MGMT 4031.03: Economics for Resource and Environmental Management
MGMT 4041.03: Environmental Education
MGMT 4047.03: Biodiversity Conservation System Design and Management
MGMT 4205.03: Law and Policy for Resource and Environmental Management
MGMT 4500.03: Socio-political Dimensions of Resource and Environmental Management
MGMT 4504.03: Management of Resources and the Environment
MGMT 4505.03: Biophysical Dimensions of Resource and Environmental Management
MGMT 4507.03: Environmental Informatics
MGMT 4705.03: Environmental Assessment

Faculty of Science
Biology
BIOL 3060.03: Environmental Ecology
BIOL 3061.03: Communities and Ecosystems
BIOL 3063.03: Resource Ecology
BIOL 3065.03: Conservation Biology
BIOL 3601.03: Nature Conservation
BIOL 3623.03: Applied Coastal Ecology - Field intensive, lab and lecture
BIOL 3624.03: Urban Freshwater Systems
BIOL 3634.03: Agroforestry
BIOL 4001.03: Environmental Impact Assessment
BIOL 4065.03: Sustainability and Global Change
BIOL 4160.03: Political Ecology
BIOL 4369.03: Fisheries Oceanography

Earth Sciences
ERTH 3440.03: Geomorphology
ERTH 3500.03: Geoscience Information Management
ERTH 3601.03: Global Biogeochemical Cycles
ERTH 3701.03: Fundamentals of Hydrology

Economics
ECON 2216.03: Economics of Global Warming
ECON 2850.06: The Science and Economics of Climate Change
ECON 3335.03: Environmental Economics

Environmental Science Program
ENVS 3200.03: Introduction to Environmental Law
ENVS 3301.03: Enterprise Sustainability
ENVS 3400.03: Environment and Human Health
ENVS 3501.03: Environmental Problem Solving I
ENVS 3502.03: The Campus as a Living Laboratory (cross-listed with SUST 3502, exclusion with SUST/MGMT 3701.03)
ENVS 3601.03: Global Biogeochemical Cycles
ENVS 3624.03: Urban Freshwater Systems
ENVS 3701.03: Fundamentals of Hydrology
ENVS 4001.03: Environmental Impact Assessment
ENVS 4002.03: The Science of Wetland Ecosystems
ENVS 4003.03: Coral Reefs and Environmental Change
ENVS 4220.03: International Environmental Law for Scientists

Geography
GEOG 2800.03: Climate Change
GEOG 3001.03: Landscape Ecology
GEOG 3005.03: Cities and the Environment in History
GEOG 3114.03: Environment and Development

Marine Biology
MARI 3063.03: Resource Ecology
MARI 3602.03: Introduction to Aquaculture
MARI 3627.03: Biology and Conservation of Sharks, Skates and Rays
MARI 4369.03: Fisheries Oceanography
MARI 4665.03: Hacking the Blue Planet: The Scientific and Social Dimensions of Ocean Fertilization

Oceanography
OCEA 2800.03: Climate Change
OCEA 4000.03: Oceans and Global Change
OCEA 4160.03: Fisheries Oceanography

Physics and Atmospheric Science
PHYC 2310.03: Energy and the Environment
PHYC 2800.03: Climate Change
PHYC 2850.06: The Science and Economics of Climate Change
SUST 4900XY.06 - ESS Honours Project - Intent to Register

Included in this handbook for reference/preparation purposes only.
Form must be submitted ONLINE from the SUST 4900 course webpage:
College of Sustainability > Programs > ESS > SUST Courses > SUST 4900

To request permission to register for SUST 4900, please complete this form and submit it to Steven Mannell (steven.mannell@dal.ca) by April 30 in the academic year before you plan to do your honours project.

• BA and BSc ESS Double Major students with a minimum 3.3 GPA in Honours subject courses above 1000 level may apply for admission to ESS Combined Honours and the ESS Honours Thesis course.
• Other students may apply to take the ESS Honours Thesis course as a SUST elective course.
• SUST 4900XY.06 is a full credit class over the whole year (equivalent to a half-credit class in each term)
• In addition to this intent to register form, your “Honours Application Form” is due to the Registrar’s Office by September if you plan to graduate in May.
• Any faculty member cross-appointed to the College of Sustainability may supervise an ESS Honours thesis.

Student #  Date  

Title or idea/issue you are thinking of exploring in your thesis:

Do you already have a question or hypothesis you plan to explore?

Briefly describe how your proposed thesis project is interdisciplinary in approach, and explain the various disciplines it will draw on:

How does the thesis relate to sustainability?

Briefly describe aspects of your previous studies and experience that are relevant to your proposed thesis.

Does your proposed thesis include research involving human subjects (interviews, surveys, etc.)?  
Thesis research involving human subjects requires approval from Dalhousie’s Research Ethics Board; you will apply for approval during the Fall Term of your thesis.

Name of faculty supervisor:  Email:

Has this faculty supervisor formally agreed to supervise the thesis?  
If you have not been able to secure the agreement of a supervisor, please identify possible supervisors for you thesis; include a brief indication of their relevant expertise.