**BACHELOR OF ARTS AND SCIENCES (B.A.S.)**

The University of Guelph offers an 8 semester (20.00 credits) honours program leading to a Bachelor of Arts and Sciences (B.A.S.) degree.

The Bachelor of Arts & Sciences program is designed for students who are motivated equally by the study of Arts/Social Sciences and the Sciences, and who find challenge and satisfaction in testing the traditional boundaries of study through undergraduate level interdisciplinary work. The program meets these objectives through a unique structure that accredits students in an Arts/Social Sciences core, a Sciences core, a Subject Area core of interdisciplinary humanities and sciences courses (ASCI*), and a minor in each of the Arts/Social Sciences and the Sciences (see program information for choices of minors). The structure of the program ensures disciplinary rigour and breadth through completion of core requirements for a B.A.S. degree, concentration in two distinct minors, and concentration of learning in an academic cohort of B.A.S. students through the interdisciplinary ASCI courses in the B.A.S. core. This core is open only to students in the B.A.S. program.

### Program Information

#### Academic Counselling

The B.A.S. program counsellor assists students in the selection of minors, interpreting program and academic regulations, and with the selection of appropriate courses for chosen minors and distribution requirements. Students should consult the counsellor when experiencing particular difficulties affecting academic standing and progress through the program. Students are encouraged to check the B.A.S. program website regularly for course information and cross-listing of acceptable credits where appropriate.

#### Counselling on Minors

Academic departments offer the minors in the B.A.S. program and assign faculty advisors to assist students with academic planning (e.g., a faculty advisor in the History department handles queries about a minor in History). Students should consult the appropriate faculty advisor, along with the B.A.S. Program Counsellor, when requiring advice on the completion of specialization requirements. The list of faculty advisors is available on the Undergraduate Academic Information Centre website: http://www.uoguelph.ca/uaic/facultyadvisors/ or contact the B.A.S. Program Counsellor for further information.

#### Continuation of Study

To be eligible to continue in the program, students must meet the requirements for Continuation of Study as noted in Section VIII–Undergraduate Degree Regulations & Procedures of this calendar (Schedules 1 and 2).

#### Conditions for Graduation

To qualify for the degree Bachelor of Arts and Sciences, the student must successfully complete a minimum of 20.00 credits as identified below. In addition, students must meet the continuation of study requirements at the time of graduation and have a 60.00% cumulative average.

### Distribution Requirements

This program will require the completion of 20.00 credits as indicated below, with a maximum of 7.00 credits at the 1000 level. First year core courses may be counted towards the minors.

Of the 20.00 credits required for this program, 3.00 credits must be completed at the 3000 or 4000 level, and 2.00 credits at the 4000 level. This requirement is partially fulfilled by senior level courses in the Subject Core (ASCI) requirements.

1. Science Core - 2.00 credits.
2. Arts/Social Science core - 2.00 credits.
3. Subject Area Core - (ASCI) - 3.00 credits.
4. Arts/Social Science Minor - 5.00 credits minimum.
5. Science Minor - 5.00 credits minimum.
6. Free Electives - 3.00 credits.

#### 1. Science Core - 2.00 Credits

When choosing their courses in the science core, students are advised to keep prerequisites for their BAS Science Minor in mind. For a list of suggested core science courses for each specific BAS Science Minor, please consult the BAS website (https://www.uoguelph.ca/bas/)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOC*2580</td>
<td>Introduction to Biochemistry</td>
<td>0.50</td>
</tr>
<tr>
<td>BIOL*1070</td>
<td>Discovering Biodiversity</td>
<td>0.50</td>
</tr>
<tr>
<td>BIOL*1080</td>
<td>Biological Concepts of Health</td>
<td>0.50</td>
</tr>
<tr>
<td>BIOL*1090</td>
<td>Introduction to Molecular and Cellular Biology</td>
<td>0.50</td>
</tr>
<tr>
<td>CHEM*1040</td>
<td>General Chemistry I</td>
<td>0.50</td>
</tr>
<tr>
<td>CHEM*1050</td>
<td>General Chemistry II</td>
<td>0.50</td>
</tr>
<tr>
<td>CIS*1300</td>
<td>Programming</td>
<td>0.50</td>
</tr>
<tr>
<td>CIS*2500</td>
<td>Intermediate Programming</td>
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</tr>
<tr>
<td>GEOG*1300</td>
<td>Introduction to the Biophysical Environment</td>
<td>0.50</td>
</tr>
<tr>
<td>GEOG*2460</td>
<td>Analysis in Geography</td>
<td>0.50</td>
</tr>
<tr>
<td>IPS*1500</td>
<td>Integrated Mathematics and Physics I</td>
<td>1.00</td>
</tr>
<tr>
<td>IPS*1510</td>
<td>Integrated Mathematics and Physics II</td>
<td>1.00</td>
</tr>
<tr>
<td>MATH*1080</td>
<td>Elements of Calculus I</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*1200</td>
<td>Calculus I</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*1210</td>
<td>Calculus II</td>
<td>0.50</td>
</tr>
<tr>
<td>MATH*1090</td>
<td>Elements of Calculus II</td>
<td>0.50</td>
</tr>
<tr>
<td>PHYS*1070</td>
<td>Physics for Life Sciences II</td>
<td>0.50</td>
</tr>
<tr>
<td>PHYS*1080</td>
<td>Physics for Life Sciences</td>
<td>0.50</td>
</tr>
<tr>
<td>PHYS*1300</td>
<td>Fundamentals of Physics</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2040</td>
<td>Statistics I</td>
<td>0.50</td>
</tr>
<tr>
<td>STAT*2050</td>
<td>Statistics II</td>
<td>0.50</td>
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#### 2. Arts and Social Science Core - 2.00 credits

a. 1.00 credits over at least 2 different subject areas in the College of Arts: ARAB - Arabic; ARTH - Art History; CHIN - Mandarin; CLAS - Classical Studies; CTS - Culture and Technology Studies; ENGL - English; EURO - European Studies; FREN - French Studies; GERM - German Studies; GREK - Greek; HIST - History; HUMN - Humanities; INDG - Indigenous Studies; ITAL - Italian Studies; LAT - Latin Studies; LING - Linguistics; MUSC - Music; PHIL - Philosophy; PORT -
Portuguese; SART - Studio Art; SPAN - Spanish and Hispanic Studies; THST - Theatre Studies.

b. 1.00 credits over at least 2 different subject areas (listed below) in
the College of Social and Applied Human Sciences or Gordon S. Lang
School of Business and Economics: ANTH - Anthropology; ECON
- Economics; FRHD - Family Relations and Human Development;
GEOG - Geography; IDEV - International Development Studies; ISS
- Interdisciplinary Social Science; POLS - Political Science; PSYC
- Psychology; SOAN - Sociology and Anthropology; SOC - Sociology;
UNIV - Interdisciplinary University; WMST - Women Studies

3. Subject Area Core (ASCI) - 3.00 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASCI*1110</td>
<td>Society and Inquiry I</td>
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</tr>
<tr>
<td>ASCI*1120</td>
<td>Society and Inquiry II</td>
<td>0.50</td>
</tr>
<tr>
<td>ASCI*2050</td>
<td>Uses of Knowledge</td>
<td>0.50</td>
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</tbody>
</table>

Select 0.50 credits of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASCI*3000</td>
<td>Arts and Sciences Community Project</td>
<td>0.50</td>
</tr>
<tr>
<td>ASCI*3100</td>
<td>Case Studies in Arts and Sciences Research</td>
<td>0.50</td>
</tr>
<tr>
<td>ASCI*3700</td>
<td>Independent Studies in Arts/Sciences</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Select 1.00 credits of the following:

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASCI*4010</td>
<td>Arts and Sciences Honours Research Seminar</td>
<td>1.00</td>
</tr>
<tr>
<td>ASCI*4020</td>
<td>Topics in Arts and Sciences Research</td>
<td>0.50</td>
</tr>
<tr>
<td>ASCI*4030</td>
<td>Topics in Arts and Sciences Research</td>
<td>0.50</td>
</tr>
<tr>
<td>ASCI*4700</td>
<td>Independent Studies in Arts/Sciences</td>
<td>0.50</td>
</tr>
<tr>
<td>ASCI*4710</td>
<td>Independent Studies in Arts/Sciences</td>
<td>0.50</td>
</tr>
</tbody>
</table>

4. Arts/Social Sciences Minors - 5.00 credits (Minimum)

Minors available in the Arts/Social Sciences core (see B.A. program
descriptions):

- Anthropology
- Art History
- Arts Management
- Business
- Business Economics
- Classical Studies
- Creative Writing
- Criminal Justice & Public Policy
- Culture and Technology Studies
- Economics
- English
- European Culture and Civilization
- Family & Child Studies
- French Studies
- Geography
- German
- History
- Human Resources
- International Development Studies
- Italian
- Marketing
- Media and Cinema Studies
- Museum Studies
- Music
- Philosophy
- Political Science
- Psychology
- Sociology
- Spanish and Hispanic Studies
- Studio Art
- Theatre Studies

5. Science Minor - 5.00 credits (Minimum)

Minors available in the Science core (see B.Sc. program descriptions):

- Agriculture (see B.Sc.(Agr.) program description)
- Applied Geomatics
- Biochemistry
- Biology
- Biotechnology
- Chemistry
- Computing & Information Science
- Ecology
- Mathematics
- Mathematical Science
- Microbiology
- Molecular Biology and Genetics
- Neuroscience
- Nutritional and Nutraceutical Sciences
- Physics
- Plant Science
- Statistics
- Zoology

Note: Students cannot select Mathematics or Computer Information Sciences for both their B.Sc and B.A minors.

6. Free Electives - 3.00 credits

The program includes 3.00 free electives. Electives may be completed in
any subject area.

Double Counting Rule

A maximum of 3.00 credits may be double-counted:

a. 1.00 credits may be double-counted between minors.

b. Up to 1.00 credits may be double-counted between the science core
and a minor; and up to 1.00 credits may be double-counted between
the arts and social science core and a minor.

Students may not triple-count a course between a core and two minors.