Associate of General Studies Degree

The Associate of General Studies (AGS) degree is designed for individuals who have acquired previous education in a diversity of subjects and wish to acquire a degree. This degree is not designed to transfer into baccalaureate programs.

Associate of General Studies Requirements Summary

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>GBC Orientation</td>
</tr>
<tr>
<td>6</td>
<td>English/Communications</td>
</tr>
<tr>
<td></td>
<td>ENG 101, ENG 102, ENG 107, ENG 108, COM 101</td>
</tr>
<tr>
<td>3</td>
<td>U.S. and Nevada Constitutions</td>
</tr>
<tr>
<td></td>
<td>PSC 101 or HIST 101 and HIST 102</td>
</tr>
<tr>
<td>3</td>
<td>Science</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics</td>
</tr>
<tr>
<td></td>
<td>MATH 116 or higher (Includes STAT 152)</td>
</tr>
<tr>
<td>3</td>
<td>Social Sciences</td>
</tr>
<tr>
<td>3</td>
<td>Humanities</td>
</tr>
<tr>
<td>39</td>
<td>Emphasis/Additional Program Requirements</td>
</tr>
<tr>
<td>60</td>
<td>Minimum Credits</td>
</tr>
</tbody>
</table>

See AA/AS degree for courses that fulfill requirements and are not listed above.

Associate of Applied Science Degree

The Associate of Applied Science (AAS) degree is designed for persons who desire education for an occupation or a technical career. The courses and programs of the AAS degree aim to prepare students for entry-level employment. Students also use the career and technical education programs to upgrade themselves in the positions they hold. Many persons enroll in career and technical courses to improve their abilities and understanding of everything from management to welding, from financial planning to computing.

In general, career and technical courses are not meant to satisfy requirements of lower-division baccalaureate programs, but do prepare students for GBC’s Bachelor of Applied Science degree. If the three-digit course number (001-299) is designated with a “B” suffix (220B), the course will not transfer to a Nevada university. The “B” designator does not appear on transcripts. The career and technical education programs do provide a generous component of liberal education coursework which is meant to develop intellectual curiosity and which promotes creative thought. The general education courses are also university transfer courses.

Career and Technical Education Admission

Admission standards for the Associate of Applied Science and Certificate of Achievement in the Career and Technical Education (CTE) area for disciplines in Diesel Technology, Electrical Systems Technology, Instrumentation Technology, Industrial Millwright Technology, and Welding Technology are listed below.

Application Deadline: April 1

Prospective students are required to formally apply for admission to the Career and Technical Education (CTE) Department. To do so:

1. The prospective student needs to pick up a CTE Department Admissions Application form from the CTE Department (not from Admissions and Records), fill it out, and return it to the CTE Department by April 1. (Please make sure to declare a major on this form.) The CTE department is located in EIT 255.

2. Along with the CTE Department Admissions Application form, the student needs to submit to the CTE Department:
   a. Three letters of recommendation.
   b. A resumé.
   c. A letter of intent.
   d. High school transcripts or GED scores if applicable, military training records if applicable, and/or higher education records if applicable.
   e. The prospective student needs to submit ACT or SAT scores or take the Accuplacer placement test for math and English at the GBC Placement Office by April 1.

Admission Criteria

The Career and Technical Education Department will admit a limited number of students to the CTE Department area programs each year. Admission is on a competitive basis. When there are more qualified applicants than there are available spaces in the programs, preference will be given to those with the highest qualifications. Meeting minimum application criteria does not guarantee admission to the program. Those students who meet or exceed the minimum criteria but who are not admitted may reapply in future years. Please check with the program advisor for more information.
Associate of Applied Science Requirements Summary

Credits

GBC Orientation .................................. 0.5
   INT 100

English/Communications ............................. 6
   ENG 107, 108, 101, 102

Mathematics ....................................... 3
   MATH 116, 120, 126 or higher (Includes STAT 152)

Science .......................................... 3
   At least 3 credits from: ANTH 102, AGSC 100, AST 101,
   BIOL 100, BIOL 190, CHEM 100, 121, ENV 100,
   GEOG 103, GEOL 101, 132, PHYS 100, 107, 151,
   NRES 150, NUTR 121

Social Science .................................... 6
   3 credits: PSC 101 (U.S. and Nevada Constitutions
   requirement) or substitute HIST 101 and 102
   3 credits: BUS 110, HMS 200, MGT 283, PSY 208
   (Human Relations)

Humanities and Fine Arts ............................. 3
   3 credits from: ART 100, 101, 160, 107, 260, 261, ENG 203,
   223, FIS 100, FREN 111, 112, HIST 105, 106, HUM 101,
   MUS 101, 121, 125, PHIL 102, 129; SPAN 111, 112, 211,
   THTR 100, 105

Technology ....................................... 3
   3 credits from: CS 135, EDU 214, DT 101, EIT 233,
   ELM 120, GIS 109, GRC 119, IS 101, IT 210,
   WELD 110, 211, 221

Electives
   A minimum of 60 total credits is required. Most programs
   require more. See an advisor to select appropriate courses.

Certificate of Achievement

The one-year Certificate Program is an abbreviated form of the
two-year Associate of Applied Science degree. Most of the
Certificate Program requirements include six semester hours of
English/Communications (minimum requirement is three credits
by Board of Regents policy), a course in human relations,
demonstration of computation skills, and a 2.0 minimum
grade-point average. All other requirements are noted in specific
program maps.

If you complete a certificate of achievement, you may also
choose to complete an AAS. The following General Education
Requirements (see also page 55) must be fulfilled.

Applied Science Certificate of Achievement Requirements

Credits

GBC Orientation (select programs) ................. 0.5

English/Communications ............................. 3

Mathematics ....................................... 3
   BUS 110 (if taken as a 3-credit course) MATH 116, 120,
   126 or higher

Minimum Certificate Requirements .................. 23
   (See program for specific requirements)

Human Relations .................................... 1.3

Suggested Course Sequence

The course sequence outlined for each degree is simply a
suggestion that may not be appropriate for all students. For
example, some students will have to take from one to four
developmental courses before they are prepared to take some of
the college-level courses. Many students will need to take fewer
courses each semester due to other obligations in their lives.
Full-time status is 12 credits per semester, but many programs
provide students with the flexibility of taking fewer credits (in
order to have a successful academic experience). Meeting with
an advisor is crucial to establishing the best course sequence for
each student.
Agriculture
Associate of Applied Science

Student Learning Outcomes

Graduates of the AAS in Agriculture degree program will have the knowledge and skills to:

- Obtain successful and gratifying entry-level employment in the broad areas of Animal Agriculture, Natural Resources, and/or Agricultural Mechanical Industry.
- Understand that modern agriculture is a business and science as well as a way of life.
- Make effective decisions related to their specific area of agriculture emphasis, based on current technical information, management, and critical thinking skills.
- Successfully communicate agricultural thoughts, ideas, tasks, and operational processes to other agriculturalists and non-agriculturalists.

General Education Requirements

- GBC Orientation ........................................ 0.5
- English/Communications .............................. 6
- Mathematics or STAT 152 ............................. 3
- Science (AGSC 100 or NRES 150) ................... 3
- Social Science (PSC 101 recommended) .......... 3
- Human Relations ........................................ 3
- Humanities and Fine Arts .............................. 3
- Technology (GIS 109 recommended) ............... 3

List of courses fulfilling general education requirements is on page 55.

Emphasis Courses

- ACC 201 Financial Accounting ....................... 3
- AGSC 100 Elements of Livestock Production ...... 3
- AGSC 105 Livestock Production System, or
  Management .............................................. 3
- AGSC 201 Agricultural Issues ....................... 3
- AGSC 206 Fundamentals of Animal Nutrition ... 3
- AGSC 209 Physiology of Livestock Reproduction . 3
- AGSC 210 Livestock Reproduction Lab ............ 1
- AGSC 275 Animal Health and Sanitation ......... 3
- AGSC 290 Cooperative Work Experience ......... 3
- NRES 150 Fundamentals of Plant Science ....... 3
- NRES 222 Soils .......................................... 3
- NRES 223 Soils Laboratory ............................ 1
- NRES 241 Principles of Range Science ........... 3
- NRES 251 Rangeland Measurements and Monitoring ........................................ 4

SUGGESTED COURSE SEQUENCE***

AAS—Agriculture

FALL—1st Semester Credits
INT 100 0.5
AGSC 100 3
ENGLISH* 3
HUMANITIES/FINE ARTS* 3
NRES 222 3
NRES 223 1
TOTAL 13.5

SPRING—2nd Semester Credits
AGSC 105 OR AGSC 110** 3
ENGLISH* 3
MATH* 3
NRES 241 3
NRES 150 3
TOTAL 15

FALL—3rd Semester Credits
ACC 201 3
AGSC 201 3
AGSC 206 3
AGSC 209 3
GIS 109 3
NRES 251 4
TOTAL 17

SPRING—4th Semester Credits
AGSC 210 3
AGSC 275 3
AGSC 290 3
HUMAN RELATIONS* 3
SOCIAL SCIENCE* 3
TOTAL 15

*Select from page 55. **Select with advisor. Minimum Credits: 60.5

***See page 59.