

Associate in Science Track II: Physics, Atmospheric Sciences and Engineering

90 Applicable College Level Credits: Cumulative GPA 2.0 Required. For additional Engineering options, see Engineering MRP* degrees.

Important Notes and Conditions

- A course cannot be credited toward more than one distribution or skill area
- The BOLDED numbers below are shared (cross listed) courses with other departments. These courses can count only once for credit. Consult course description in the college catalog or speak with an advisor.
- "P" grade is only allowed in electives area. Check with your intended transfer university for minimum grade requirements
- Universities may have other specific admission requirements in addition to those of the transfer degree.
- Courses listed below are subject to change; visit www.bellevuecollege.edu/programs/ degrees/transfer for the latest degree updates.

Written Communication: 5 credits

Complete one from the following:

English 101, 201, 235, 271, 272

Mathematics: 10 credits

Choose two from the following:

Mathematics 151, 152, 153 208, 238, 254, 255

Humanities and Social Sciences: 15 credits

Minimum 5 credits each in the Humanities and Social Sciences area plus 5 additional credits in either area (for a total of 15 credits).

Maximum 5 credits can be a performance/skills course (indicated by *)

Humanities:

Choose from the following:

Anthropology 208

Årt 101, 103, 105, 110*, 111*, 112*, 120*, 121*, 150*, 151*, 153*, 154*, 201, 202, 203, 205, 206, 221*, 222*, **225**, 230*, 235*, 240*, 242*, 245*, 247*, 253*, 254*, 256*, 260*, 261*, 280*

Communication Studies 101, 105, 106, 107, 115, 119, 120, 121, 131, 132, 133, 134, 136, 138, 141, 143, 144, 145, 146, 151, 161, 163, 202, 210, 216, 220, 241, 250, 260, 261, 280, 285

Cultural and Ethnic Studies 100, 101, 102, 103, 104, 115, 120, 121, 130, 140, 152, 160, 180, 200, 210, 255, 257, 260, 285, 286, 287, 288

Dance 130*, 131*, 140*, 141*, 151*, 152*, 201*, 202*, 203*

Drama 101, 106, 141, 151*, 153*, 154*, 155*, 159*, 161*, 200, 210, 212, 215, 224, 241, 251*, 252*, 253*, 254*, 256*, 270, 280*, 281*, 284*, 285*

English 111, 112, 113, 114, 115, 131, 210, 215, 219, 220, 221, 223, 224, 225, 226, 228, 229, 237, 238 239, 241, 244 245, 246, 247, 248, 249, 253, 254, 255, 260, 261, 263, 264, 265, 266, 276, 279

History 101, 102, 103, 110, 115, **120**, 146, 147, 148, 185, 207, 209, 210,

 $2\dot{1}1, 212, 214, 223, \textbf{230}, 236, 242, 245, 246, 250, \textbf{261}, \textbf{280}$

Humanities 224, 230

Music 100*, 101*, 102*, 103*, 104*, 105, 106*, 107, 109*, 110, 111, 112, 113, 114, 115, 116, 117, 118, 120*, 126*, 130*, 131*, 132*, 135*, 136*, 139*, 140*, 143*, 150, 151, 152, 153, 156, 157, 158, 200*, 203*, 205*, 206*, 210, 211, 212, 240*, 243*

Philosophy 101, 102, 112, 115, 122, 145, 160, 201, 225, 247, 248, 260, 265, 267

Only one single language for a maximum of 5 credits allowed in Humanities.

Arabic 121, 122, 123

American Sign Language 121, 122, 123, 221, 222, 223

Chinese 121, 122, 123, 221, 222, 223

French 121, 122, 123, 131, 132, 133, 221, 222, 223, 231, 232, 233

German 121, 122, 123, 221, 222, 223

Italian 121, 122, 123

Japanese 121, 122, 123, 221, 222, 223 Spanish 121, 122, 123, 221, 222, 223

Social Sciences:

Choose from the following:

Anthropology 100, 106, 108, **180**, 204, 206, 208, 209, 211, 212, 219, 220, 222, 224, 228, 232, **234**, 235, 236 Business 101

Communication Studies 102, 230

Cultural and Ethnic Studies 100, 101, 102, 104, 106, 109, 115, 120, 121, 130, 140, 152,

160, **180**, 200, 201, 203, 205, 210, **241**, 255, 257, **260**, 285, 286, 287, 288

Economics 100, 201, 202, 250, 260

Geography 100, 102, 105, 123, 200, 207, 250, 258, 277

 $\textbf{History} \ \ 101, 102, 103, 110, 115, \textbf{120}, 146, 147, 148, 185, 207, 209, 210, \\$

211, 212, 214, 223, **230**, 236, 242, 245, 246, 250, **261**, **280**

Humanities 224, 230

International Studies 105, 123, 150, 200, 201, 202, 204, 227, 261, 280

Philosophy 102, 112, 122, 160, 201, 248, 260, 265

 $\textbf{Political Science} \ \ 101, 121, 122, 123, 125, 155, \textbf{160}, 175, \textbf{201}, 202,$

203, 204, 206, 220, 221, 222, 223, **227**, **230**

Psychology 100, 109, 110, 200, 203, 205, 209, 210, 220, **240**, 250, 257 Sociology 101, 105, 122, 150, 201, 210, 215, 222, 230, **240**, 246, 248, 249, 250,

252, 253, 254, 255, 256, 258, 260, 262, 264, 265, 268, 270, 275, 278

Physics Sequence: 15-18 credits

Three quarter sequence should be taken at one institution (either completed at BC or transferred in as a whole three quarter sequence). If not, see science advisor at the Science Division.

Select one of the following sequences based on major requirements:

Most physical and science majors require Physics with calculus (PHYS 121-123) – See advisor.

Physics 114, 115, 116 or 121, 122, 123 (Physics with Calculus)

Chemistry with Lab: 5-6 credits

See course catalog and/or consult with science advisor Engineering majors: select Chemistry 161 (required)

Others should select 5-6 credits of science based on major program.

Additional Mathematics: 5 credits

Third quarter of calculus or above or approved statistics course.

Mathematics 153, 208, 240, 254, 255, 238 or Business Administration 240

(Statistical Analysis) or Mathematics 130 (Introduction to Statistics)

Electives: Sufficient credits to meet a minimum degree total of 90

Maximum 5 credits of restricted elective courses.

Courses should be planned with a science advisor (strongly recommended) based on the requirements of your major and the university to which you intend to transfer. For a complete listing of approved electives, see Associate in Arts & Sciences-Degree at: www.bellevuecollege.edu/worksheets.

Cultural Diversity Requirement

This degree has a set of BC General Education requirements including Cultural Diversity. For approved courses see page two of worksheet or visit www.bellevuecollege.edu/programs/degrees/culturaldiversity/.

Academic Advising

Engineering Department: (425) 564-2321, http://scidiv.bellevuecollege.edu/



Associate in Science Track II: Physics, Atmospheric Sciences and Engineering

Advising Notes and Recommendations

- ☑ Completion of this degree does not guarantee admission to any baccalaureate university. However, with careful planning and depending on your intended major, it may be possible to fulfill admissions and major program requirements with this degree.
- ☑ This is a guideline to meet the degree requirements for students interested in transferring to a participating Washington State four-year college or university.
- ☑ This worksheet is only for advising purposes. Official approval of credits for degree completion is subject to the Evaluations Office approval.
- ☑ Consult with an academic advisor on a regular basis for degree completion planning. Contact the Advising Center to locate an academic advisor. Call (425) 564-2212 or go to www.bellevuecollege. edu/advising/.
- ☑ Check with your intended transfer university/college advisor for specific admissions and major requirements that can be fulfilled with this degree.

Degree Requirements

- ☑ Must earn a cumulative GPA of 2.00 in all coursework taken at BC, and in all courses applied to the degree.
- ☑ A minimum 30 credits of the applied 90 must be completed at BC.

Prior College University Credits

- ☑ For credits from other institutions, meet with a faculty advisor, curriculum advisor or counselor for an initial unofficial transcript review.
- ☑ For an official review, submit Transfer Credit Evaluation Request form and an official transcript(s) in the prior institution(s) sealed envelope to Evaluations once registered for your first quarter.

Graduation Application Requirements

- ☑ Students must apply for graduation. Submit your graduation application form two quarters prior to the expected graduation date and pay application fee.
- \square Application deadlines:

Fall: June 1 October 10 Winter: December 10 Spring: Summer: March 15

Student Name:				SID#:
Prepared by:				Date:
Degree Requirements	Credit	Qtr/Yr	Grade	Transfer From (If applicable)
Written Communication: 5 credits				
Quantitative (Mathematics): 10 credits				
Humanities and Social Sciences: 15 credits (see notes on front side)				
Physics Sequence: 15-18 credits				
Chemistry with Lab: 5-6 credits				
Additional Mathematics: 5 credits				
Electives: Sufficient credits to meet degree total of 90 (max. 5 credits of restricted electives – indicate with "R")				
Cultural Diversity: Check box if fulfilled: ☐ (place course in one of the above distribution areas)				
CREDIT TOTAL: 90				

BC General Education & Cultural Diversity Requirement

Below is a complete listing of all the courses that meet the colleges Cultural Diversity requirements for the Associate Transfer Degrees. Classes will be applied toward either Humanities, Social Science, Natural Sciences or electives. For most up-to-date information, go to: bellevue college. edu/programs/degrees/cultural diversity/.

The following transferable courses meet the Cultural Diversity requirement:

Anthropology 100, 101, 102, 103, 104, 106, 107, 108, 117, 180, 200, 206, 208, 209, 210, 211, 212, 214, 219, 220, 222, 224, 235, 260, 265; Art 103; Cultural & Ethnic Studies 100, 101, 106, 109, 120, 121, 130, 140, 152, 180, 200, 201, 203, 205, 210, 241, 257; Communication Studies 134, 250; 280; French 131, 132, 133, 231, 232, 233; Geography 123, 200, 277; History 185, 246; Music 117; Philosophy 102, 145, 206, 265; Psychology 250; Sociology 101, 120, 121, 122, 149, 201, 205, 210, 215, 222, 230, 248, 249, 253, 254, 257, 260, 262, 264, 267, 268, 275

The following restrictive electives also meet the Cultural Diversity requirement:

Business 120, 241; Criminal Justice 242; DMA 111; Education 150, 240, 286; Human Development 140; Marketing Management 200; Nursing 290