

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

#### **Important Notes and Conditions**

- Total 90 Applicable College Level Credits
- Minimum Cumulative GPA 2.0 Required
- 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 [Example: PHIL 201 is same as POLS 201and may only count as PHIL or POLS] Consult course description in the college catalog or speak with an advisor.
- Universities may have other specific admission requirements in addition to those of the transfer degree.
- Courses listed below are subject to change; visit catalog.bellevuecollege.edu for the latest degree updates.

#### Written Communication: 5 credits

Complete One from the following:

English 101 201, 235, 271, 272

#### **Quantitative (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

Art 101, 105, 110\*, 111\*, 112\*, 120\*, 121\*, 150\*, 151\*, 153\*, 154\*, 201, 202, 203, 205, 206, 221\*, 222\*, 230\*, 235\*, 240\*, 242\*, 245\*, 247\*, 253\*, 254\*, 260\*, 261\*, 280\*, 281\*

Communication Studies 101, 115, 116, 119, 120, 121, 131, 132, 133, 134, 136, 138, 141,

143, 144, 145, 146, 151, 161, 163, 202, 210, 216, 220, 250, 252, 260, 261, 280, 285

Cultural and Ethnic Studies 100, 104, 115, 120, 121, 130, 140, 150, 170, 181, 200, 201, 210, 211, 257, 285, 286

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

**Drama** 101, 106, 141, 151\*,154\*, **159\***, 161\*, 210, 212, 215, 224, 241,

251\*, 252\*, 254\*, 256\*, 270, 280\*, 281\*, 284\*, 285\*

**English** 111, 112, 113, 114, 115, 210, 215, 219, 220, 221, 223, 224, 226, 228, 237, 238,

239, 244 245, 246, 247, 248, 249, 253, 254, 255, 260, 261, 266, 276, 279

**History** 101, 102, 103, **120**, 146, 147, 148, 150, 185, 205, 210, 212, 214, 222, **230**, 236, 245, 246, 250, **261**, **280** 

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

Humanities 224, 230

 $\textbf{Music} \ \ 100^*, 101^*, 102^*, 103^*, 105, 106^*, 107, 109^*, 110, 111, 112, 113, 114, \\$ 

115, 116, 117, 118, 120\*, 130\*, 131\*, 132\*, 135\*, 136\*, 140\*, 143\*, 150,

 $156,\,157,\,158,\,200^*,\,203^*,\,205^*,\,206^*,\,210,\,211,\,212,\,240^*,\,243^*$ 

**Philosophy** 101, 102, 112, 115, 122, 145, 160, **201**, 206, **248**, **260**, 263, 265, 267

Only one single Foreign Language/American Sign Language at 100-level allowed in Humanities distribution for a maximum of 5 credits.

**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, 231, 232, 233

#### **Social Sciences:**

Choose from the following:

**Anthropology** 100, 106, 108, 180, 204, 206, 208, 219, 220, 222, 224, 230, 232, 234, 235, 236

Business 101

**Communication Studies** 102, 230

Cultural and Ethnic Studies 100, 104, 115, 120, 121, 130, 140, 150, 170, 181, 200, 201, 210, 211, 255, 257, 285, 286, 287, 288

**Economics** 100, 201, 202, 250, 260

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

**History** 101, 102, 103, **120**, 146, 147, 148, 150, 185, 205, 210,

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

Humanities 224, 230

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

Philosophy 102, 112, 122, 160, 201, 206, 248, 260, 263, 265

**Political Science** 101, 121, 122, 123, 125, 155, 160, 175, **201**, 202,

203, 204, 206, 210, 220, 221, 222, 223, **227**, **230**, 250

Psychology 100, 109, 110, 200, 203, 205, 209, 210, 220, 240, 250, 257, 260 Sociology 101, 105, 122, 150, 201, 215, 230, 240, 244, 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: Chemistry with laboratory is required Others should select 5-6 credits of science based on major program.

#### **Additional Mathematics:** 5 credits

Choose from the following:

Mathematics 153, 208, 240, 254, 255, 238

**Business Administration 240 (Statistical Analysis)** 

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 Catalog.

#### **Degree Requirements**

See page 2 for a complete listing of all the courses that meet the college's First-Year Seminar Requirement and a Diversity Degree Requirement for the Associate Transfer Degrees.

#### **Academic Advising**

Updates: catalog.bellevuecollege.edu

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



Student Name:

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

FMPI ID#-

# 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) 564-2321 or go to <u>bellevuecollege.edu/advising/</u>.
- Check with your intended transfer university/college advisor for specific admissions and major requirements that can be fulfilled with this degree.

### **Degree Requirements**

- ✓ 2.0 Cumulative GPA is required, we allow any passing grades (1.0 and above) for Associate Degrees.
- ✓ A minimum 30 credits of the applied 90 must be completed at BC.

#### **Transfer Coursework**

- ✓ 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 Student Central once registered for your first quarter.

# Graduation Application Requirements

Students must apply for graduation.
See <u>bellevuecollege.edu/graduation</u> for more information.

### ✓ Application deadlines:

Winter: January 14 Spring: April 15 Summer: May 15

| Prepared by:   |        |      |       | Date:                         |
|--|--------|------|-------|-------------------------------|
| Degree Requirements  | Credit | Term | 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  |        |      |       |                               |
|  |        |      |       |                               |
| <b>Electives:</b> Sufficient credits to meet degree total of 90 (max. 5 credits of restricted electives – indicate with "R") |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
|  |        |      |       |                               |
| First-Year Seminar Requirement: Check box if fulfilled or exempt:  |        |      |       |                               |
| <b>Diversity Requirement:</b> Check box if fulfilled: [] (place course in one of the above distribution areas)               |        |      |       |                               |

## **First-Year Seminar Requirement**

Most new BC students whose primary intent is earning the Associate in Arts & Sciences DTA, Science Track II degree are required to take a First-Year Seminar (FYS 101, or STEM 101 and STEM 102, or CEO 101 and CEO 102) course(s) in their first two quarters at BC effective Summer 2022. For most up-to-date information and for the list of exemptions, go to: catalog.bellevuecollege.edu

#### **Diversity Degree Requirement**

Below is a complete listing of all the courses that meet the colleges Diversity Degree requirements for the Associate Transfer Degrees. Classes will be applied toward either Humanities, Social Science, Natural Sciences or electives. The following transferable courses meet the Diversity requirement:

ANTH 100, 108, 180, 206, 208, 219, 220, 222, 224, 235; BA 241; BUS 120, 241; CES 100, 104, 109, 115, 120, 140, 150, 181, 200, 201, 210, 211, 234, 257; CJ 242; CMST 250, 252, 254, 280; EDUC 150, 240; ENGL 260, 261; HD140; INDES 255; INTST 150; MKTG 200; PHIL 102, 260, 265; POLS 210; PSYC 250; SOC 101, 105, 249, 253, 254, 256, 258, 262, 264, 278..

**CREDIT TOTAL: 90**