

# 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, 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\*, 281\*

**Communication Studies** 101, 105, 106, 107, 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, 101, 102, **103**, 104, 115, 120, 121, 130,

140, 150, 170, 181, 200, 210, 211, 255, 257, 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, 150, 180, 185, 205, 207, 209, 210, 211, 212, 214, 223, **230**, 236, 242, 245, 246, 250, **261**, **280** 

Humanities 224 220

**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, 206, 225, 247, 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

#### **Social Sciences:**

Choose from the following:

**Anthropology** 100, 106, 108, 180, 204, 206, 208, 209, 211, 212,

219, 220, 222, 224, 228, 230, 232, 234, 235, 236

**Business** 101

**Communication Studies** 102, 230

Cultural and Ethnic Studies 100, 101, 102, 103, 104, 115, 120, 121, 130, 140, 150, 170, 181, 200, 210, 211, 255, 257, 285, 286, 287, 288

Economics 100, 201, 202, 250, 260

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

**History** 101, 102, 103, 110, 115, **120**, 146, 147, 148, 150, 180, 185, 205, 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**, 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**, 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 .

# **Diversity Requirement**

See page 2 for a complete listing of all the courses that meet the college's Diversity Degree 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: *catalog.bellevuecollege.edu* 

### **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

CID#

# 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**

- ✓ 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.

#### **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. Submit your graduation application form two quarters prior to the expected graduation date and pay application fee. See <a href="mailto:bellevuecollege.edu/graduation">bellevuecollege.edu/graduation</a> for more information

# ✓ Application deadlines:

Winter: March 1 Spring: April 15 Summer: July 15

Prepared by:				Date:
Degree Requirements	Credit	Qtr/Yr	Grade	Transfer From (If applicable
Written Communication: 5 credi	ts			
Quantitative (Mathematics): 10	credits	ı		
<b>Humanities and Social Sciences</b>	\$: 15 credits (see no	tes on front	t side)	
Physics Sequence: 15-18 credits				
<b>Chemistry with Lab:</b> 5-6 credits				
Additional Mathematics: 5 credi	ts			
<b>Electives:</b> Sufficient credits to mee	et degree total of 90	) (max. 5 cr	edits of rest	ricted electives – indicate with "F
<b>Diversity Requirement:</b> Check be	ox if fulfilled: [] (p	lace course	in one of th	ne above distribution areas)

#### **BC General Education & 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**