

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 201 and 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:

ENGL 101, 201, 235, 271, 272

Quantitative (Mathematics): 10 credits

Choose **two** from the following:

MATH 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:

ANTH 208

ART 101, 103, 105, 110*, 111*, 112*, 120*, 121*, 150*, 151*, 153*, 154*, 201, 202, 203, 205, 206, 207, 208, 221*, 222*, 230*, 235*, 240*, 242*, 245*, 247*, 253*, 254*, 260*, 261*, 280*, 281* CMST 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

CES 100, 104, 115, 120, 121, 130, 140, 150, 170, 181, 200, 201, 210, 211, 257, 285, 286

DANCE 130*, 131*, 140*, 141*, 151*, 152*, 170, 171, 202*, 203*

DRMA 101, 106, 141, 151*, 154*, 159*, 161*, 210, 212, 215, 224, 241, 251*, 252*, 254*, 256*, 270, 280*, 281*, 284*, 285*

ENGL 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

HIST 101, 102, 103, **120**, 146, 147, 148, 150, 185, 205, 210, 212, 214, 223, **230**, 236, 245, 246, 250, **261**, **280** HUMAN 205, 220

MUSC 100*, 101*, 102*, 103*, 105, 106*, 107, 109*, 110, 111, 112, 113, 114, 115, 116, 117, 118, 120*, 130*, 131*, 132*, 135*, 136*, 137*, 140*, 143*, 150, 156, 157, 158, 165*, 200*, 203*, 205*, 206*, 210, 211,

PHIL 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.

ARAB 121, 122, 123 ASI 121, 122, 123, 221, 222, 223 CHIN 121, 122, 123, 221, 222, 223 FRCH 121, 122, 123, 131, 132, 133, 221, 222, 223, 231, 232, 233 GERM 121, 122, 123, 221, 222, 223 ITAL 121, 122, 123 JAPN 121, 122, 123, 221, 222, 223 SPAN 121, 122, 123, 221, 222, 223, 231, 232, 233

Social Sciences:

Choose from the following:

ANTH 100, 107, 108, 180, 204, 206, 208, 219, 220, 222, 224, 230, 232, 234, 235, 236

BUS 101

CMST 102, 230

CES 100, 104, 109, 115, 120, 121, 130, 140, 150, 170, 181, 200, 201, 210, 211, 257, 285, 286

ECON 100, 201, 202, 250, 260

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

HIST 101, 102, 103, **120**, 146, 147, 148, 150, 185, 205, 210, 212, 214, 223, **230**, 236, 245, 246, 250, **261**, **280** INTST 105, 123, 150, 200, 201, 202, 204, 227

PHIL 102, 112, 122, 160, **201**, 206, **248**, **260**, 263, 265

POLS 101, 121, 122, 123, 125, 155, 160, 175, **201**, 202, 203, 204, 206, 210, 220, 221, 222, 223, **227, 230,** 250

PSYC 100, 109, 110, 200, 203, 205, 209, 210, 220, 225, **240**, 250, 257, 260 SOC 101, 105, 122, 150, 201, 210, 215, 222, 230, 240, 244, 246, 248, 249, 250, 252,

253, 254, 255, 256, 257, 258, 260, 262, 264, 265, 268, 270, 275, 278

Physics Sequence: 15-18 credits

Three guarter 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

Select one of the following sequences based on major requirements:

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

PHYS 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:

MATH 130, 153, 208, 240, 254, 255, 238 BA 240 (Statistical Analysis)

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.

Degree Requirements

See page 2 for a listing of all the courses that meet the college's Diversity Degree Requirement for the Associate Transfer Degrees.

Academic Advising

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



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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/</u> <u>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, academic advisor or program manager for an initial unofficial transcript review.
- For an official review, see <u>bellevue-college.edu/admissions-aid/process/transfer</u>.

Graduation Application

 Students must apply for graduation. See <u>bellevuecollege.edu/current-students/</u> <u>apply-graduation</u>

Student Name:			EMPLID#:	
repared 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				
Electives: Sufficient credits to meet degree total of 90 (max. 5 credits of restricted electives – indicate with "R")				
Diversity Requirement: Check box if fulfilled:				
CREDIT TOTAL: 90				
CREDIT TOTAL: 90				
Notes				

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.

ANTH 100, 108, 180, 206, 208, 219, 220, 222, 224, 235; BA 180, 241; BUS 120, 241; CES 100, 104, 109, 115, 120, 140, 150, 170, 181, 200, 201, 210, 211, 234, 257; CJ 242; CMST 250, 252, 254, 280; EDUC 150, 240; ENGL 260, 261; HD 140; HIST 173, 185; INDES 255; INTST 150; MKTG 200; PHIL 102, 260, 265; POLS 210; PSYC 250; SOC 101, 105, 240, 249, 253, 254, 256, 257, 258, 262, 264, 257, 278.