# Associate in Arts and Sciences Direct Transfer

Suggested courses for COMPUTER SCIENCE MAJORS using the AAS-DTA

90 Applicable College Level Quarter credits: Minimum Cumulative GPA 2.0 Required

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

- A course can not 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: AMST 160 is the same as POLS 160 and may only count as AMST or POLS]. Consult course catalog or meet with an advisor.
- "P" grade not allowed in Written Communication, Quantitative/Symbolic Reasoning, Humanities, Social Sciences, and Natural Sciences. 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: 10 credits

Complete **both** groups

**Group A: English** 101

Group B: Choose one from English 201 (Recommended), 235, 271 or 272

#### Quantitative/Symbolic Reasoning: 5 credits (see note #1)

MATH& 151 (Calculus I)

## **Humanities:** 15 credits (see note #2)

Choose three different subjects from the following: Maximum 5 credits can be a performance/skills course (indicated by \*)

American Studies 101, 102, 103, 115, 160, 180, 200, 260, 285, 286, 287, 288 Anthropology 208

Art 101, 103, 105, 110\*, 111\*, 112\*, 120\*, 121\*, 150\*, 151\*, 153\*, 154\*, 201, 202, 203, 205, 206, 221\*, 222\*, 225, 240\*, 242\*, 252\*, 253\*, 254\*, 256\*, 260\*, 261\*, 280\*

Communication Studies 101, 115, 119, 120, 121, 131, 132, 133,

134, 136, 138, 141, 143, 144, 145, 146, 151, 161, 163, 201, 202, 210, 216, 220, 240, 241, 254, 256, 260, 261, 280, 285

**Cultural & Ethnic Studies** 100, 102, **120**, **121**, 140, 152, 210, 255

Dance 130\*, 131\*, 132\*, 133\*, 140\*, 141\*, 151\*, 152\*, 201\*, 202\*, 203\*, 203\*, 131\*, 132\*, 133\*, 140\*, 141\*, 151\*, 152\*, 201\*, 202\*, 203\*,

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

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

**Humanities** 210, 220, 224, 228, 230

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

Philosophy 101, 102, 112, 115, 122, 125, 160, 201, 225,

234, 235, 236, 237, 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: 15 credits

Choose three different subjects from the following:

American Studies 101, 102, 103, 115, 160, 180, 200, 260, 285, 286, 287, 288

Anthropology 100, 105, 106, 108, 180, 204, 206, 208, 209,

210, 211, 212, 220, 222, 232, 234, 235, 236

**Business** 101

**Communication Studies** 102, 230

Cultural & Ethnic Studies 100, 102, 105, 109, 120, 121, 130, 140, 152, 200, 210, 241, 255

Economics 100, 201, 202, 260

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

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

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

**Humanities** 210, 220, 224, 228, 230

International Studies 105, 150, 200, 201, 202, 204, 227, 230, 234, 261, 280

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

Political Science 101, 121, 122, 123, 125, 155, 160,

175, **201**, 202, 203, 204, 220, 227, **230 Psychology** 100, 109, 110, 200, 203, 205, 209, 210, 220, **240**, 250, 257

Sociology 101, 105, 120, 121, 122, 150, 201, 205, 210, 215, 220, 225, 230, 240, 246, 248, 250, 252, 253, 254, 255, 256, 257, 258, 260, 262, 264, 265, 268, 270, 275

#### Natural Sciences: 15-16 credits

Choose three different subjects: One course with a lab component required (indicated by "L")

Complete All Groups (For Computer Science: One from each ) (see note #3)

Group A: MATH& 152 (Calculus II)

**Group B:** PHYS 121 (Calculus-based physics; required by many CS programs)

**Group C: Anthropology** 205

**Astronomy 100, 101**(L), 201(L)

**Biology** 100(L), 108(L), 125, 150(L), 160(L), 162(L), 211(L),

212(L), 213(L), 241(L), 242(L), 260(L), 275 (L)

Botany 110(L), 113(L), 120(L)

**Chemistry 100,105**(L),121(L),131(L),161(L),162(L),163(L),261(L) 262(L), 263(L)

Environmental Science 100, 207(L), 250(L)

**Geography 106**, 205, 206(L)

Geology 101(L), 103(L), 106, 208(L)

Meteorology 101, 211

**Nutrition 130** 

Oceanography 101(L), 110

Psychology 202

#### **Electives:** Additional courses for intended major: 30-32 credits

Courses should be planned with the computer science advisor as course requirements vary by specific university Computer Science or Computer Software Systems programs. Complete sufficient credits to meet the degree total. (see notes #4 and #5) **Computer Science** 210 **and** 211 (fundamentals of CS I and II)

The following additional courses should be planned with the computer science advisor: **Physics** 122 *and* 123

Mathematics 153 (calculus III), and either 254 or 208 or **Business Administration** 240 (Statistics)

## **Specific University Requirements**<sup>†</sup>

Students are responsible for checking specific major requirements of the participating college or university early in their planning to be advised for additional requirements (e.g., GPA) and admissions procedures. Lower-division requirements for participating colleges and universities' computer science programs may vary.

- 1. Calculus I [Math& 151 at BC] is required for computer science as well as all science and engineering tracks.
- 2. Students will be required to choose courses that meet the BC General Education guidelines set by the college as set forth in the AAS-DTA degree.
- 3. A full year science lab (PHYS 121/122/123, CHEM& 161/162/163, or BIOL& 210/211/212) is required by most CS programs, although UW and SU require only PHYS 121. The science sequences should be completed at one institution.
- 4. Many CS programs require a full year engineering calculus requirement. UW Seattle also requires Math 254. WWU and EWU also require Math 208. UW-Bothell only requires through Math& 152, but adds on BA 240. UW-Tacoma only requires Math& 151, but adds on BA 240. Consult an advisor from the institution to which vou wish to transfer.
- 5. UW-Seattle requires both CS 210/211 from the same institution to transfer as CSE 142/143.
- 6. All UW Programs have a Foreign Language entry requirement; two years of High School or two quarters in college of a single language. Some institutions, where CS is within the College of Arts and Sciences, require particular language proficiency for graduation.

## **Cultural Diversity**

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/.

\*DTA = Direct Transfer Agreement

AAS DTA for CS PS 1-11



## **Associate in Arts and Sciences Direct Transfer**

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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) 564-2212 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.

#### ✓ Application deadlines:

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

Student Name:				SID#:
Prepared by:				Date:
Degree Requirements	Credit	Qtr/Yr	Grade	Transfer From (If applicable)
<b>Written Communication:</b> 10 credits				
Group A: ENGL& 101				
Group B: ENGL 201				
<b>Intermediate Algebra Proficiency:</b> Che	ck box if fu	lfilled: 🗆		
Provide method of fulfilling requirement:				
<b>Quantitative/Symbolic Reasoning:</b> 5 cm	edits (see n	ote #1)		
MATH& 151				
Humanities: 15 credits (three different subjects, see note #2)				
<b>Social Sciences:</b> 15 credits (three different s	subjects)			
<b>Natural Sciences:</b> 15-16 credits (three diffe	erent subjec	ts, see note	#3)	
Lab: PHYS 121				
MATH& 152				
Electives: 30-32 (additional courses should be	planned with	h the compu	ter science d	ndvisor, see notes #4 and #5)
CS 210				
CS 211				
MATH& 153 <sup>†</sup>				
PHYS 122 <sup>†</sup>				
PHYS 123 <sup>†</sup>				
MATH 254 <i>or</i> 208 <sup>†</sup>				
BA 240 <sup>†</sup>				
<b>Cultural Diversity:</b> Check box if fulfilled: ☐ (place course in one of the above distribution areas)				

†See notes on reverse side

## **BC General Education & Cultural Diversity**

The courses below meet the Cultural Diversity and can be used towards a distribution. Go to: bellevuecollege.edu/catalog/degrees/gened/

**Group I:** Choose *one* from the following:

**Group II:** Choose two from the following:

American Sign Language 121, 122, 123, 221, 222, 223; Anthropology 234, 236; Arabic 121, 122, 123; Art 101; Chinese 121, 122, 123, 221, 222, 223; Communication Studies 115, 210, 285; Criminal Justice 101, 106, 109; Education 204; Ethnic & Cultural Studies 255; French 121, 122, 123, 221, 222, 223; Geography 100, 102, 105, 207, 250; German 121, 122, 123, 221, 222, 223; History 101, 102, 103, 110, 115, 120, 146, 147, 148, 212, 214, 230, 242, 245, 261, 280; International Studies 203, 227; Italian 121, 122, 123; Japanese 121, 122, 123, 221, 222, 223; Music 115, 116, 117; Nutrition 130; Philosophy 225, 267; Political Sciences 121, 122, 123, 125, 175, 204, 227, 230; Psychology 100, 257; Sociology 150, 240, 246, 250, 252, 255, 256, 258, 265; Spanish 108, 121, 122, 123, 221, 222, 223

CREDIT TOTAL: 90