

# Associate in Science Track II: Engineering MRP Chemical and Bio Engineering

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

- Total 90-105 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

#### Choose one:

English 101, 201, 235, 271, 272

Mathematics: 20 Credits

Mathematics 151, 152, 153, 238

#### **Humanities and Social Sciences:** 15 credits

Minimum 5 credits each in the Humanities and Social Sciences area plus 5 additional credits in either area. 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

CES 100, 104, 115, 120, 121, 130, 140, 150, 170, 181, 200, 201, 210, 211, 257, 285, 280 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, 212, 240\*, 243\*

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

ASL 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

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 and Chemistry Sequences: 30-36 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.

PHYS 121, 122, 123 CHEM 161, 162, 163

#### Additional Science: 10-12 credits

CHEM 261

CHEM 262 or BIOL 211

#### Additional Courses: 13-17 credits

Courses should be planned with the help of the designated Engineering advisor based on the requirements of the institution to which the student plans to transfer.

#### Select **three** courses from the following list:

BIOL 211, 212

CHEM 262

CS 210

ENGR 204, 214

ENGL 235

MATH 208, 240, 254, 255

### **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/



# Associate in Science Track II: Engineering MRP\* Chemical and Bio 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) 564-2321 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#:
Prepared by:				Date:
Degree Requirements	Credit	Term	Grade	Transfer From (If applicable)
Written Communication: 5 credits				
Quantitative (Mathematics): 20 credits				
MATH 151				
MATH 152				
MATH 153				
MATH 238				
Humanities and Social Sciences: 15 credits (see notes on front side)				
Physics and Chemistry Sequences: 30-36 credits				
PHYS 121				
PHYS 122				
PHYS 123				
CHEM 161				
CHEM 162				
CHEM 163				
Additional Science: 10-12 credits				
CHEM 261				
CHEM 262 or BIOL 211				
Additional Courses: 13-17 credits				
Diversity Denvisements Check how if fulfilled				
<b>Diversity Requirement:</b> Check box if fulfilled:   (place course in one of the above distribution areas)  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.