

Associate in Science - Transfer Track 2 - Pre-Engineering MRP Biological and Chemical Engineering

Pathway:

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 area
- ✓ Courses listed are subject to change; visit <u>catalog.cascadia.edu</u> for the latest degree updates.

College Success Course: 5 credits

COLL 101 (required within first 30 credits at Cascadia)

Written Communication: Must total min. 10 credits

Complete **both** of the following:

ENGL& 101 **ENGL&** 235

Quantitative/Symbolic Reasoning: Must total min. 15 credits

Complete all of the following:

MATH& 151

MATH& 152

MATH& 163

Humanities: Must total min. 5 credits

Choose one course from the following:

AIIS 102, 103, 203

ART/ART& 100, 110, 120, 121, 122, 135, 140, 141, 142, 220, 224, 240

ASL/ASL& 121, 122, 123

CMST/CMST& 101, 102, 103, 105, 150, 201, 210, 211, 220, 230, 233, 251

DRMA/DRMA& 101, 103, 151

ENGL/ENGL& 111, 112, 114, 235, 236, 237, 238, 244, 245

GS 101, 150, 220, 230

HIST/HIST& 126, 127, 128, 146, 147, 148, 150, 210, 214, 262, 268

HUMAN 107, 120, 150

JAPN/JAPN& 121, 122, 123, 221, 222, 223

MUSC/MUSC& 105, 130, 140

PHIL/PHIL& 101, 102, 115, 120, 220, 238, 240, 242, 243, 260, 267

SPAN/SPAN& 121, 122, 123, 221, 222, 223

Equity, Diversity, Power Requirement

As part of Cascadia College's graduation requirement, students must incorporate at least two Equity, Diversity, Power courses (EDP) into their degree, including one course numbered '150.' Visit catalog.cascadia.edu or **see page 2** for a list of all courses which meet this requirement.

Social Sciences: Must total min. 5 credits

Choose one course from the following:

AIIS 203

ANTH/ANTH& 100, 104, 151, 204, 206, 207, 234, 235

BUS/BUS& 101, 201

ECON/ECON& 201, 202

EDUC& 205

GS 101, 150, 220, 230

HIST/HIST& 126, 127, 128, 146, 147, 148, 150, 210, 214, 262, 268

POLS/POLS& 101, 200, 202, 203, 204, 205, 206, 213

PSYC/PSYC& 100, 171, 180, 200, 209, 210, 220, 245, 250, 251

SOC/SOC& 101, 150, 201, 231, 241, 271

Pre-Major Requirements: Must total min. 25 credits

Associate in Science Track 2 Pre-Engineering students must complete the following:

CHEM& 161, 162, 163, 241

PHYS& 221, 222, 223

Students must also choose one of the following:

BIOL& 211

OR

CHEM& 242 + 254

Electives: Must total min. 10 credits

Associate in Science Track 2 Pre-Engineering students must take at least 10 credits of additional electives from the following list. We recommend consulting with an Advisor to discuss recommendations that could best suit your transfer goals:

BIOL& 211

BIOL& 212 or 213

IT-CS 142 or 143

ENGR& 204

ENGR& 214

MATH 208

MATH& 264 CHEM& 242 + 254

Advising Notes and Recommendations

- > Completion of this degree **does not guarantee** admission to any baccalaureate university. However, with careful planning and depending your intended major, it may be possible to fulfill admissions and major some program requirements with this degree.
- > This Direct Transfer Agreement degree (DTA) is intended to fulfill most or all lower-division general education requirements at participating Washington State colleges and universities.
- > This worksheet is only for advising purposes. Official approval of credits for degree completion is subject to the Credentials Evaluator.
- > Consult with an Academic Advisor for degree completion planning. Visit the <u>Academic Advising page</u> for information oappointments and drop-ins.
- > Check with your intended transfer university advisor for specific admissions and major requirements that can be fulfilled with this degree.



Associate in Science - Transfer Track 2 - Pre-Engineering MRP

Biological and Chemical Engineering
Pathway:

Degree Requirements	Student Name: Student ID:							
2.0 Cumulative GPA is required, Grades 1.0 and above can be applied to an Associate Degree.	Advisor Seen: Date:							
	Degree Requirem	ents	Credit	Term	Notes			
Min. 25 college-level credits of the applied 90 college-level credits must be completed at Cascadia. Transfer Coursework	General Education Courses: 35 credits							
	COLL 101							
	ENGL& 101							
	ENGL& 235							
For credits from other institutions, meet with an academic advisor for an initial unofficial transcript review. For an official review, students must first submit all official documents/transcripts, then	MATH& 151							
	MATH& 152							
	MATH& 163							
	MATH 238							
	Humanities: 5 cre	edits						
email advising@cascadia.edu to								
request the evaluation request	Social Sciences: 5 credits							
form.								
Graduation Application	150 Course : 5 cre	edits						
Students must apply for graduation. Schedule a "Graduation Application" appointment with your								
	Pre-Major Requirements: 38-41 credits							
advisor via the <u>Navigate portal.</u>	CHEM& 161 16	2 163						
Notes from your Advisor:	CHEM& 241							
	PHYS& 221 222	223						
	Choose One:		I	I I				
	BIOL& 211							
	or		1					
	CHEM& 242 + 254							
	Elective Credits: 10 credits (choose from elective options on Pg 1)							
	EDD De minemen	the Charalt have	- :t t[t:]] -	 	EDD course	150		
	EDP Requiremen				EDP course	150 cours		
	Equity, Diversity, Power (EDP) Degree Requirement Below is a complete listing of all the courses that meet Cascadia's Equity, Diversity, and Power (EDP) requirement for this							
	degree. Classes will be ap	plied toward either	Humanities, S	ocial Sciences	s, Natural Sciences, or Electiv	ves. Please ensure		
	inat at least two courses	are included from t	ne list below,	and one of the	ose courses must be a 150 c	ourse.		

AIIS 102, 103, 203; ANTH/ANTH& 100, 104, 151, 206, 207, 234, 235; ART/ART& 100, 135, 140, 141, 142; ASL& 121, 122, 123; CMST/CMST& 103, 110, 201, 211, 230, 233, 251; DRMA/DRMA& 101, 103; ENGL/ENGL& 111, 112, 114, 236, 237, 238, 244, 245; **GS** 101, 230; **HIST/HIST&** 126, 127, 128, 146, 147, 148, 214; **HUMAN** 107;

JAPN& 121, 122, 123, 221, 222, 223; MUSC&MUSC& 105, 130, 140; PHIL 102, 220, 238; POLS/POLS& 101, 200, 213; PSYC/PSYC& 171, 180, 210, 245, 250; SOC/SOC& 101, 201, 231, 241, 271; SPAN& 121, 122, 123, 221, 222, 223

CMST 150; **GS** 150; **HIST** 150; **HUMAN** 150; **SOC** 150

Cascadia College is committed to creating a supportive environment for a diverse student, faculty, and staff population. Individual differences are celebrated in a pluralistic community of learners. Cascadia does not discriminate based on, but not limited to: race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment, and is prohibited from discrimination by college policy and state and federal law. For more information visit: https://www.cascadia.edu/ND