ASSOCIATE IN SCIENCE TRANSFER DEGREE (AS-T Transfer Degree)
Whatcom Community College
Atmospheric Sciences, Biology, Chemistry, Computer Science, Earth Sciences, Environmental Sciences, Geology, and Physics (Engineering on back)

Student:_____ Advisor:_____

Complete Core requirements and then choose a specialization:

CORE REQUIREMENTS	
ENGL& 101	
MATH& 151	
MATH& 152	
Humanities (5)	
Social Science (5)	
Humanities/Social Science (5)	
Total Core (30)	

ATMOSPHERIC SCIENCES	
MATH& 163	
GEOL 150	
CS 140,145 OR 215	
MATH 204	
MATH 238	
CHEM& 161,162,163 (15)	
PHYS& 221,222,223 (15)	
Elective (5)	
Total Atmos Sci Specialization (60)	

BIOLOGY	
MATH& 163 OR &146	
BIOL& 221,222,223 (15)	
CHEM& 161,162,163 (15)	
CHEM& 261,262 (10)	
Math/Science (5)	
Electives (10)	
Total Biology Specialization (60)	

CHEMISTRY	
MATH& 163	
MATH 204	
PHYS& 221,222,223 (15)	
CHEM& 161,162,163 (15)	
CHEM& 261,262,263 (15)	
Elective (MATH 238 recommended) (5)	
Total Chemistry Specialization (60)	

COMPUTER SCIENCE	
MATH& 163 OR &146	
PHYS& 221,222,223 (15)	
CS 140,145 (10)	
CS 180	
CS 215,220,240 (15)	
Electives (10)	
Total Comp Sci Specialization (60)	

EARTH SCIENCES	
MATH& 163 OR &146	
PHYS& 221,222,223 (15)	
CHEM& 161,162,163 (15)	
GEOL 150	
GEOL 211	
OCEA& 101	
Elective (ASTR& 100 recommended) (5)	
Elective (5)	
Total Earth Sci Specialization (60)	

ENVIRONMENTAL SCIENCE	
MATH& 163 OR &146	
BIOL& 221,222,223 (15)	
CHEM& 161,162,163 (15)	
GEOL 211	
Math/Science (5)	
Math/Science (5)	
ECON (5)	
POLS (5)	
Total Enviro Sci Specialization 60)	

GEOLOGY	
MATH& 163	
PHYS& 221,222,223 (15)	
CHEM& 161,162,163 (15)	
GEOL 110	
GEOL 211,212 (10)	
Elective (CS course recommended) (5)	
Elective (5)	
Total Geology Specialization (60)	

PHYSICS	
MATH& 163	
CS 140,145 OR 215	
MATH 204,238 (10)	
CHEM& 161,162 (10)	
PHYS& 221,222,223 (15)	
Science (5)	
Elective (CHEM& 163 recommended) (5)	
Elective (5)	
Total Physics Specialization (60)	

See Engineering Specializations on back ⇨

Although the college provides assistance in program planning, the final responsibility for fulfilling academic and graduation requirements rests with the individual student.

Visit our Career and Advising Blog at WCCadvising.wordpress.com

ASSOCIATE IN SCIENCE TRANSFER DEGREE (AS-T Transfer Degree)
Whatcom Community College
Engineering: Bio & Chemical, Computer & Electrical, Mechanical, Civil, Aeronautical, Environmental, Industrial and Material Science

⇦ See Core requirements on front

ENGINEERING	
CHEM& 161,162 (10)	
ENGR& 214	
MATH& 163	
MATH 204, 238 (10)	
PHYS& 221,222,223 (15)	
Choose 15-25 credits from following list:	
BIOL& 221,222,223	
CHEM& 163,261,262,263	
CS programming	
ENGL& 230	
ENGR 100,240	
ENGR& 215,225	
MATH 207	
MATH& 264	
Total Specialization (60-70)	

BIOENGINEERING & CHEMICAL ENG.	
CHEM& 161,162,163 (15)	
CHEM& 261	
CHEM& 262 or BIOL& 222 (5)	
MATH& 163, MATH 238 (10)	
PHYS& 221,222,223 (15)	
Choose 17-20 credits from following list:	
BIOL& 221,222,223	
CHEM& 262,263	
CS programming	
ENGL& 230	
ENGR& 214,215,225	
ENGR 100,240	
MATH 204,207	
MATH& 264	
Total Specialization (67-70)	

COMPUTER & ELECTRICAL ENG.	
CHEM& 161	
MATH& 163	
MATH 204,238 (10)	
PHYS& 221,222,223 (15)	
CS 140,145,OR 215 (10) (215 recomm.)	
Choose at least 15 credits from following list:	
BIOL& 221,222	
CHEM& 162	
ENGL& 230	
ENGR 100,240	
ENGR& 214,215,225	
MATH 207	
MATH& 264	
Total Specialization (60-63)	

MECHANICAL,CIVIL,AERONAUTICAL, ENVIRONMENTAL,INDUSTRIAL AND MATERIAL SCIENCE ENG.	
CHEM& 161,162 (10)	
MATH& 163	
MATH 204, 238 (10)	
ENGR& 214, 215 (10)	
ENGR& 225	
PHYS& 221,222,223 (15)	
Choose 5-15 credits from following list:	
CHEM& 163,261,262,263	
CS Programming	
ENGR 100,240	
MATH 207	
MATH& 264	
ENGL& 230	
Total Specialization (60-70)	

Biology, Chemistry and Physics sequences should be completed at the same institution.

Core Requirements	
Major Requirements	
TOTAL CREDITS (90)	

There may be additional prerequisites required for specific majors at each university. Check carefully with the university of your choice to make sure you understand the specific requirements. **Although the college provides assistance in program planning, the main responsibility for fulfilling academic and graduation requirements rest with the individual student**

Note: The U. of W. requires 2 years of High School foreign language or 2-3 quarters of college foreign language for admission.

Visit our Career and Advising Blog at WCCadvising.wordpress.com