

# Computer Science Associate DTA/MRP Worksheet



## About the Degree

The Computer Science DTA/MRP is a transfer degree that includes preparation for bachelor's degree programs in Computer Science and related fields at:

### Public Universities

- Central Washington University
- Eastern Washington University
- The Evergreen State College
- University of Washington (all campuses)
- Washington State University (all campuses)
- Western Washington University

### Private Universities

- Gonzaga University
- Heritage University
- Pacific Lutheran University
- Saint Martin's University
- Seattle Pacific University
- Seattle University
- Whitworth University

### Community & Technical Colleges

- Bellevue College

**DTA** (Washington Direct Transfer Agreement): A degree that prepares students for transfer to all public universities and many private colleges in Washington State.

**MRP** (Major Related Program): A transfer degree that prepares students for bachelor's degree programs that require specific courses in the first two years.

Completing this degree does not guarantee admission to any university. Universities and Computer Science programs may have additional requirements beyond this degree. This DTA degree can transfer to other bachelor's programs; Computer Science is not your only option!

## Course Requirements

Courses		Qtr.   Year	Grade
<b>Written Communication: 10 credits</b>			
ENGL&101	■	_____	_____
ENGL&102 - or - ENGL&235	■	_____	_____
<b>Quantitative Mathematics: 20 credits</b>			
MATH&146	■	_____	_____
MATH&151	■	_____	_____
MATH&152	■	_____	_____
MATH&163	■	_____	_____
<b>Computer Science: 10 credits</b>			
CS&141	■	_____	_____
CS 142	■	_____	_____
<b>Physics: 10 credits</b>			
PHYS&221	■	_____	_____
PHYS&222	■	_____	_____
<b>Lab Science: 5 credits</b>			
BIOL&100	■	_____	_____
BIOL&160 - or - CHEM&121	■	_____	_____
<b>Humanities: 15 credits</b>			
_____	■	_____	_____
_____	■	_____	_____
_____	■	_____	_____
<b>Social Science: 15 credits</b>			
_____	■	_____	_____
_____	■	_____	_____
_____	■	_____	_____
<b>Elective: 5 credits</b>			
_____	■	_____	_____

## Degree Requirements

- Total of 90 college-level credits required.
- Minimum cumulative GPA of 2.0 to graduate.
- Minimum passing grade of 1.0 GPA required in each course (2.0 GPA or higher is strongly recommended.)
- A course cannot count toward more than one area or requirement.
- At least 25% of this 90 credit degree must be completed at RTC.
- Students must apply for graduation, find out more: [rtc.edu/graduation](http://rtc.edu/graduation)

## Transfer Coursework

- Meet with an adviser for an unofficial review of your previous credit to plan how classes could transfer toward your degree, [rtc.edu/advising](http://rtc.edu/advising)
- For an official review, fill out a Transcript Evaluation Request form and send RTC an official copy of your transcript(s), [rtc.edu/transfer](http://rtc.edu/transfer)

## Advising and Recommendations

- Computer Science students should talk with their future transfer university early on to plan for specific classes to choose for your Lab Science, Humanities, Social Science and Elective requirements.
- Some universities may require additional classes for their Computer Science program.
- Computer Science programs have competitive admission. For many schools you will need a cumulative GPA significantly above a 2.0 & a higher GPA in specific classes.
- Consult with your RTC adviser on a regular basis to stay on track to graduate and transfer, [rtc.edu/advising](http://rtc.edu/advising)
- Some universities may require that you take 10 credits of World Language at the college level if you did not complete two years of a World Language in high school, or take a test if you already speak another language. Talk to a transfer adviser at your future university for more information.

## Distribution Areas

### Humanities: 15 credits

Choose three courses, no more than two in the same subject:

- **Art - ART& - 100**
- **Communications - CMST& - 101, 220, 240**
- **English - ENGL& - 111, 254**
- **History - HIST or HIST& - 110,126,136, 137**
- **Humanities - HUM& - 101**
- **Music - MUSC& - 105**
- **Philosophy - PHIL& - 101**

Only one World Language class (5 credits) can count toward the Humanities requirement:

- **SPAN&121, SPAN&122, SPAN&123**

### Social Science: 15 credits

Choose three courses, no more than two in the same subject:

- **Anthropology - ANTH& - 106, 234, 235**
- **Business - BUS& - 101, 201**
- **Economics - ECON& - 201, 202**
- **History - HIST or HIST& - 110,126,136, 137**
- **Political Science - POLS& - 150, 202**
- **Psychology - PSYC& 100, 200**
- **Sociology - SOC& - 101**

### Elective: 5 credits

Choose one course with your intended major and transfer university in mind. Can be any English, Math, Social Science, Humanities or Natural Science class you haven't taken. Maximum of 5 credits of professional/technical credit permitted.

- **Accounting - ACCT& - 201, 202**
- **Biology - BIOL or BIOL& - 100, 105**
- **Chemistry - CHEM& - 131**
- **English - ENGL& - 102, 235**
- **Geology - GEOL& - 101**
- **Math - MATH& - 107, 141, 142**
- **Nutrition - NUTR& - 101**

## ■ University-Specific Transfer Admission Requirements

Talk to your adviser about the option to use a consortium agreement to take a class from another college.

**Central Washington University** ■ Take ENGL&102 as your second English class.

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**Eastern Washington University** ■ Take ENGL&102 as your second English class.  
■ Take an Introductory Ethics class for Humanities credit.  
■ Complete Linear Algebra and a class in Digital Circuits.

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**Gonzaga University** ■ Take PHYS&223 Engineering Physics III.  
■ Take Discrete Math.  
■ Take PHIL&120 Symbolic Logic.  
■ Take ENGL&111 Intro to Literature, CMST&101 and PHIL&101 for your Humanities requirement.  
■ Take an Introductory Ethics class.  
■ Recommended to take Calculus 4, PHIL&120 Symbolic Logic, Differential Equations, Intro to Literature.

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**Heritage University** ■ Take PHYS&223 Engineering Physics III.  
■ Take Discrete Math.  
■ Lower-level Computer Science class may need to be completed before graduation.

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**Pacific Lutheran University** ■ You will need credits for Introduction to Computer Science, Digital Systems, Data Structures, and Discrete Structures.  
■ These lower-level Computer Science classes may need to be completed before graduation.

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**Seattle Pacific University** ■ C++ is the preferred programming language, but your Java classes will be accepted with a SPU Bridge course.  
■ Lower-level Computer Science class may need to be completed before graduation.

## ■ University-Specific Transfer Admission Requirements Continued

### Seattle University

- Seattle U looks for transfer credit in Programming and Problem Solving.
  - Lower-level Computer Science class may need to be completed before graduation.
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### Washington State University (all campuses)

- Take PHYS&223 Engineering Physics III.
  - Take CMST or CMST&101 and ART&100 or MUSC&105 for your Humanities requirement (Communication & Fine Arts requirements.)
  - Take ANTH&106 as one of your Social Science classes (American Diversity requirement.)
  - Recommends Discrete Structures.
  - WSU Pullman & Tri-Cities- Take PHIL&120 Symbolic Logic.
  - WSU Tri-Cities- requires two programming classes in C++, (CS&141 and CS 142 are taught in Java.)
  - WSU Pullman & Tri-Cities: recommends to take ECON&201 or ECON&202 as one of your Social Science classes.
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### Whitworth University

- Take PHYS&223 Engineering Physics III.
- Recommends electives to include a Fine Art class and an American Diversity class.
- Recommended to take CMST&220 as one of your Humanities classes.