Name: Intended quarter of entry:

University of Washington - Seattle
Academic Planning Worksheet for Applied & Computational Mathematical Sciences

This worksheet is designed to help you learn about and plan for admission to your intended major and University general education requirements. As *progress toward your intended major is a factor in transfer admission review,* this information is also a part of the transfer admission application. Visit admit.washington.edu for more information.

1. The Major

Major Profile

In the admission decision for this and every major, a wide range of factors are taken into consideration. The profile should not be used to overstate the importance of grades in the admission decision for academic majors. However, it may offer some guidance as you plan for transfer.

Undergraduates in ACMS, as of Autumn 2007 115

...from Washington community colleges:

Entering Transfer GPA	
3.75-4.00	6
3.50-3.74	6
3.25-3.49	6
3.00-3.24	5
2.75-2.99	1
2.50-2.74	1
2.49 and below	1

Total from Washington community colleges..... 26

Department Admission Information

This major has minimum admission requirements.

A minimum cumulative GPA of at least a 2.5, with a minimum grade of 2.0 in each of the following courses: CSE 142, MATH 124, 125, 126, and one of MATH 307, 308, 310, AMATH 351, 352.

Certain options allow the substitution of other courses in place of the PHYS requirements. See adviser for details.

Visit the general catalog for more information on this major:
www.washington.edu/students/gencat/academic/acms.html

Courses Required for Admission to Major

Directions: Record the courses you **have taken, are taking, or plan to take** prior to UW enrollment that you believe are equivalent to the UW course requirements listed below.

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
Example: MATH 124	MATH 124	AUT 03	5	3.2	BCC
CSE 142 NW QSR – Computer Programming I					
CSE 143 NW QSR – Computer Programming II					
MATH 124 NW QSR - Calc Analyt Geom I					
MATH 125 NW QSR - Calc Analyt Geom II					
MATH 126 NW QSR - Calc Analyt Geom III					
MATH 307 NW – Intro to Diff Equations OR AMATH 351 NW – Intro to Diff Equations					
MATH 308 NW – Matrix Algebra OR MATH 318 NW – Matrix Algebra w/ Applications					
PHYS 121 NW QSR – Mechanics (recommended)					
PHYS 122 NW – Elmag & Oscil Motn (recommended)					
PHYS 123 NW – Waves (recommended)					

TIP: To find courses at your community college equivalent to the prerequisites listed, use the Equivalency Guide for Washington Community & Technical Colleges, admit.washington.edu/BeforeYouApply/Transfer/Plan/EquivalencyGuide. In order to compare course titles and descriptions from your current school to those offered at the UW, visit www.washington.edu/students/crscat.

2. General Education & Basic Skills Requirements for the College of Arts and Sciences

This major is in the College of Arts and Sciences, and these are requirements for *graduation from that college.* You'll find that many of them overlap with prerequisites for the major and requirements for an associate degree. However, completion of the associate degree does not in itself guarantee completion of UW general education or basic skills requirements; therefore, it's to your advantage to work some of the requirements listed below into your schedule before you transfer. *More info:* www.washington.edu/students/ugrad/advising/ged/

Directions: Record the courses you **have taken, are taking, or plan to take** prior to UW enrollment that you believe are equivalent to the UW course requirements listed below.

General Education Requirements

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
Example: MATH 124	MATH 124	AUT 03	5	3.2	BCC
English Composition C, 5 credits					
Additional Writing W, 10 credits					
Quantitative & Symbolic Reasoning QSR, 5 credits					
Foreign Language, first-year college level					

Areas of Knowledge AoK - To graduate, students complete 75 credits among the three areas listed below. *It is not necessary or even recommended to complete the entire AoK before transferring.* It is just as important to work on prerequisites for your major.

Natural World NW (Natural Sciences)					
Individuals & Societies I&S (Social Sciences)					
Visual, Literary & Performing Arts VLPA (Humanities)					