



NAME _____ INTENDED QUARTER OF ENTRY _____

This worksheet is designed to help you learn about and plan for admission to your intended major and the University of Washington. More info about the admissions process can be found at <http://admit.washington.edu/apply/transfer/>. To plan your transfer, be sure to utilize <https://www.engr.washington.edu/future/transfer>.

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 but it may offer some guidance as you plan for transfer.

Total undergraduates in MS E, as of autumn 2017: 143 students

Students from Washington community colleges:

Entering Transfer Cumulative GPA

3.75-4.00	6
3.50-3.74	5
3.25-3.49	1
3.00-3.24	0
2.75-2.99	1
2.50-2.74	0
2.49 and below	0
Total.....	13

Department Admission Information

This major is capacity-constrained. Completion of prerequisites does not guarantee admission. Transfer students must submit two separate applications: one to the Office of Admissions and one to the department.

2019 Application Deadlines:

Note: Materials science & engineering only admits for autumn quarter.

- Apply to the UW by: February 15
- Apply to department by: April 5 via <http://engr.washington.edu/uapp>

To be eligible to apply, you must have a 2.0 ("C" grade) in each prerequisite course and a 2.50 cumulative GPA in all the prerequisites. These are minimums; the actual GPA of those admitted is much higher.

More information for transfer students is available from the department's website:

<https://mse.washington.edu/admission/bs>.

Visit the general catalog for more information on this major:

<http://www.washington.edu/students/genecat/academic/mse.html>.

Courses Required for the Major

Application Requirements: Minimum coursework required to apply to the department. These are noted with an * below.

Enrollment Requirements: Additional coursework required before enrollment in the department. May be in progress at the time of application.

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. To find courses at your community college equivalent to the courses below, 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.

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
<i>Example: MATH 124 – Calc Analytic Geometry I</i>	<i>MATH& 151</i>	<i>AUT 16</i>	<i>5</i>	<i>A-</i>	<i>BC</i>
*CHEM 142 – General Chemistry (NW, QSR)					
*CHEM 152 – General Chemistry (NW, QSR)					
CSE 142 – Computer Programming I (NW, QSR)					
Or					
AMATH 301 – Beginning Scientific Computing (NW)					
*MATH 124 – Calc Analytic Geometry I (NW QSR)					
*MATH 125 – Calc Analytic Geometry II (NW)					
*MATH 126 – Calc Analytic Geometry III (NW)					
MATH 307 – Intro to Diff Equations (NW)					



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*PHYS 121 – Mechanics (NW, QSR)

*PHYS 122 – Electromagnetism (NW)

MSE 170 – Fund. of Materials Science (NW)

*English Composition (C)

Additional Information:

Application for admission requires completion of at least 64 credits with a minimum cumulative GPA of 2.50. Transfer applicants without MSE 170 completed are still eligible to apply but will be required to take MSE 170 during their first quarter with their other MSE courses. To graduate on time, MATH 308, PHYS 123, AA 210, CEE 220, ENGR 231 are recommended for completion by enrollment.

2. General Education Requirements for the College of Engineering

In planning for your transfer, you should prioritize completing the courses required for the major listed above, rather than general education requirements. This major is in the College of Engineering, and the general education requirements listed below are 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 requirements.

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.

Basic Skills

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
<i>Example: ENGL 131 – Composition: Exposition</i>	<i>ENGL&101</i>	<i>AUT 16</i>	<i>5</i>	<i>A-</i>	<i>BC</i>
English Composition (C), 5 credits	This requirement is satisfied via the prerequisite coursework listed above.				
Additional Writing (W), 10 credits	This requirement is satisfied via completion of coursework in the major.				
Quantitative & Symbolic Reasoning (QSR), 10 credits	This requirement is satisfied via the prerequisite coursework listed above.				

Areas of Knowledge (AoK)

Natural World (NW) (Natural Sciences) 40 credits	This requirement is satisfied via the prerequisite coursework listed above.				
Individuals & Societies (I&S) (Social Sciences) 10 credits					
Visual, Literary & Performing Arts (VLPA) (Humanities) 10 credits					
Additional I&S or VLPA, (Social Sciences or Humanities) 4 credits					
Diversity (DIV), (can overlap with I&S or VLPA) 3 credits (most common to complete this at UW)					