

UNIVERSITY OF WASHINGTON TACOMA

MAJOR PLANNING WORKSHEET

TACOMA MECHANICAL ENGINEERING, B.S.

MINIMUM TRANSFER ADMISSIONS REQUIREMENTS

For students with at least 40 transferable credits

- Minimum 2.0 cumulative transferable GPA
- Completion of Intermediate Algebra with a 2.0
- Proof of English Language Proficiency (*if required*)
www.tacoma.uw.edu/admissions/english-proficiency
- Official transcripts from all colleges and Universities attended

BE MORE COMPETITIVE

- Complete an English composition course
- Complete more than 40 transferable credits
- Apply by posted priority deadlines
- Work toward a higher GPA
-

UNIVERSITY APPLICATION DEADLINES

Application Opens – September 1

Autumn Quarter

Priority Deadline – March 15

Winter Quarter

Priority Deadline – October 15

Spring Quarter

Priority Deadline – January 15

Transfer students may apply to UW Tacoma in the autumn, winter, or spring quarters. **This major admits students in autumn quarter only.**

The Bachelor of Science in Mechanical Engineering (ME) requires a separate major application that cannot be submitted until a student is admitted to UW Tacoma. There is a required cumulative prerequisite GPA of 2.5, with a minimum 2.0 in each individual prerequisite course. Transfer students at Washington State community colleges are encouraged to pursue the Associate of Science – Mechanical/Civil/Aero Major Related Program (MRP) *or* Associate in Science - Transfer Track 2 to meet major admission requirements.

Find the Mechanical Engineering major application and important program deadlines and information here:

<https://www.tacoma.uw.edu/set/programs/undergrad/me>

| MECHANICAL ENGINEERING PREREQUISITE COURSES – MINIMUM 2.0 IN EACH* | | | | |
|--|------------------------|-----------------------------|--------------|-------|
| Course Number (At UW Tacoma) | Course Name | Community College Course | Quarter/Year | Grade |
| TMATH 124 | Calculus I | | | |
| TMATH 125 | Calculus II | | | |
| TMATH 126 | Calculus III | | | |
| TMATH 207 | Differential Equations | | | |
| TMATH 224 | Multivariable Calculus | | | |
| TPHYS 121 | Physics I | | | |
| TPHYS 122 | Physics II | | | |
| TPHYS 123 | Physics III | | | |
| TCHEM 142 | General Chemistry I | | | |
| TME 221 | Statics | | | |
| TME 222 | Mechanics of Materials | | | |
| TME 223 | Dynamics | | | |

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Office of Admissions Box 358400, 1900 Commerce St Tacoma, WA 98402

www.tacoma.uw.edu // uwtinfo@uw.edu // (253) 692-4742

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| | | | | |
|---|-------------------------------------|--|--|--------------------------|
| | 5 credits of computer programming** | | | |
| Recommended - TMATH 208 | Matrix Algebra | | | |
| Recommended - TCES 215 | Electrical Circuits | | | |
| *All prerequisite courses must be completed in the last seven years | | | | |
| **Course in Python, Java, C, C++, or the equivalent of AMATH 301: Beginning Scientific Computing will meet this requirement. If you are not sure if the course you plan to take will count, please check with a SET Advisor | | | | |
| | | | | Prerequisite GPA: |

Check the UW Equivalency guide to see which courses satisfy these requirements: <https://admit.washington.edu/apply/transfer/equivalency-guide/>

UW AREAS OF INQUIRY

All students are required to complete UW Areas of Inquiry as part of their general education requirements for their bachelor's degree. Areas of Inquiry include courses in Arts and Humanities (A&H), Social Sciences (SSc), and the Natural Sciences (NSc).

A&H- Courses include art, communication, film, or humanities.

SSc- Courses include history, psychology, sociology, and economics.

NSc - Courses include chemistry, biology, environmental science, geology, and mathematics.

Note: Some of these requirements may be completed through prerequisite or program coursework.

| UW AREAS OF INQUIRY - ME | | | | | |
|--------------------------|-----|------------------|-----|------------------|-----|
| A&H (10 credits) | Cr. | SSc (10 credits) | Cr. | NSc (20 credits) | Cr. |
| | | | | TMATH 124 | |
| | | | | TMATH 125 | |
| | | | | TMATH 126 | |
| | | | | TMATH 207 | |

TRANSFER TOOLS

Learn how courses from your WA Community College transfer to UW Tacoma:

UW Equivalency Guide:
<https://admit.washington.edu/apply/transfer/equivalency-guide/>

MyPlan:
<https://Myplan.uw.edu>

CONNECT WITH UW TACOMA ADMISSIONS

TRANSFER TUESDAY

Sign up and learn more at:
<https://www.tacoma.uw.edu/admissions/transfer-tuesdays>

MEET WITH AN ADMISSIONS COUNSELOR

Make an advising appointment to plan your next steps!
<https://www.tacoma.uw.edu/admissions/meet-your-counselor>

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