

Prerequisite Coursework for Admission to the MAT Program: CHEMISTRY Endorsement

General Admission Requirements for ALL Single Subject Areas

Letters of Recommendation

Two letters documenting two separate, successful experiences working with groups of children or adolescents. Experiences in public schools are preferred, and experiences working with students at the middle and high school ages are recommended.

Bachelor's Degree

Program participants must have a Bachelor's degree from a regionally accredited college or university in a field appropriate to the specialty endorsement.

Grade Point Average

Applicants should have a cumulative GPA of 3.0 in the most recent 90 quarter or 60 semester hours of undergraduate work and a 3.0 for courses completed in the selected endorsement area. Applicants who have a GPA lower than 3.0 may apply for post-baccalaureate admission.

Requirements Specific to the CHEMISTRY Endorsement

Degree Major

Applicants to the MAT program in Chemistry must hold a baccalaureate degree with a major in Chemistry (or coursework equivalent to a major in Chemistry).

Required Coursework in Chemistry

The ideal candidate will have satisfied the following course requirements:

- One year of General Chemistry with Lab (CH 201, 202, 203, 204, 205, 206)
- One year of Organic Chemistry with Lab (CH 334, 335, 336, 337, 340, 341)
- Analytical Chemistry with Lab (CH 421, 422)
- Instrumental Chemistry with Lab (CH 425, 426)
- Physical Chemistry (CH 441)
- Computer Applications in Chemistry (CH 371)
- Chemical Literature and Writing (CH 314, 315)
- Ten upper division Chemistry elective credits, such as Inorganic Chemistry (CH 411, 414); Physical Chemistry Lab (CH 444); Biochemistry (CH 451, 452, 453, 454, 455, or 350); Research or Senior Project (CH 497, 498, 499, or 401)
- One year of General Physics with Lab (PH 221, 222, 223, 224, 225, 226)

- Math through Calculus (Math 112, 251, 252)

Testing

Admission to the MAT Single Subject Program requires a passing score on a basic skills test. Score reports from the basic skills test must be submitted at the time of application. If the test has not been passed by that time, the score report must still be submitted. The test may be re-taken and passing scores must be submitted prior to the program start date. The basic skills test is waived for those who already hold a master's or doctoral degree.

Applicants may choose from one of the following options:

1. Essential Academic Skills (EAS) Test (Reading, Writing, and Mathematics subtests). Information at [ORELA website](#)
2. Praxis Core Academic Skills for Educators (CASE) Test (Reading, Writing, and Mathematics subtests). Information at [Praxis website](#)
3. California Basic Educational Skills Test (CBEST) (Reading, Writing, and Mathematics subtests). Information at [CBEST website](#). NOTE: CBEST no longer offers the option of direct reporting to Oregon universities. Students who choose this option must deliver their official score report directly to the School of Education.

Contacts

General MAT Program Requirements

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Chemistry Endorsement Questions

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