

EDUCATION UNDERGRADUATE MAJOR (BA, BS, HBA, HBS)

This major offers the following option(s):

- Advanced Mathematics Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/advanced-mathematics-teaching-option/>)
- Biology Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/biology-teaching-option/>)
- Chemistry Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/chemistry-teaching-option/>)
- Elementary Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/elementary-teaching-option/>)
- Family and Consumer Sciences Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/family-consumer-sciences-teaching-option/>)
- Foundational Mathematics (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/foundational-mathematics-teaching-option/>)
- Health Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/health-teaching-option/>)
- Integrated Science Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/integrated-science-teaching-option/>)
- Language Arts Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/language-arts-teaching-option/>)
- Physics Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/physics-teaching-option/>)
- Social Studies Teaching (<http://catalog.oregonstate.edu/college-departments/education/education-ba-bs-hba-hbs/social-studies-teaching-option/>)

The Education Double Degree (DD) program in the College of Education is an undergraduate pathway to teacher preparation available to all OSU students. The Education DD program enables students to earn two undergraduate degrees concurrently—one in their chosen field and the second in Education (BA or BS degree) including a recommendation to obtain an Oregon teaching license (in a specific content area/endorsement). The BA/BS in Education is a concurrent degree subject to Academic Regulation 26a (<http://catalog.oregonstate.edu/regulations/>).

Students in the DD must complete two stages. Level I: Pre-Education consists of foundational courses in education which serve as pre-requisites for Level II: Professional Education. The pre-requisite courses also meet baccalaureate core requirements and elective credits in students' first degree. Students must complete all Level I required courses, pass required exams, and meet other entrance requirements before applying to Level II. The Education Double Degree (<https://education.oregonstate.edu/program-requirements/>) website details program requirements and application information.

The second stage, Level II Professional Level, focuses on teacher preparation courses in Elementary Education or one of many options in Secondary Education (Middle/High School), such as advanced mathematics, biology, chemistry, English language arts, Family & Consumer Sciences, foundational mathematics, health, integrated science, social studies and physics. Students enter Level II in a cohort to complete pedagogy classes and participate in student teaching.

It is strongly recommended that students meet with the College of Education advisor in Level I: Pre-Education and at least a year prior to their application to Level II: Professional Education.

Contact the Double Degree program advisor for further information: 541-737-4661.

Major Code: 233

Pre-Education Major Code: 232

- Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and design and implement developmentally appropriate and challenging learning experiences.
- Understand the central concepts, tools of inquiry, and structures of the discipline(s) they teach and create learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content.
- Plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
- Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
- Practices ongoing reflection and use evidence to continually evaluate their practice, particularly the effects of their choices and actions on others, and adapts their practice/choices accordingly. The teacher candidate will avail professional resources and/or professional development beyond university coursework.

Education (Double Degree) K–12 Classrooms Pathway

Level I: Pre-Education

These courses must be completed before admission to Level II: Professional Education including courses listed in the option(s) selected in a specific content area.

Code	Title	Credits
ED 216	*PURPOSE, STRUCTURE, AND FUNCTION OF EDUCATION IN A DEMOCRACY	3
ED 219	*SOCIAL JUSTICE, CIVIL RIGHTS & MULTICULTURALISM IN EDUCATION	3
ED 253	LEARNING ACROSS THE LIFESPAN ⁺	3
ED 309	FIELD PRACTICUM (May be waived with documented volunteer service in an educational setting)	3
ED 472	FOUNDATIONS OF ESOL EDUCATION	3
Total Credits		15

Content Specific Courses for Subject Area Teaching Content Mastery Sheets (<http://education.oregonstate.edu/content-mastery-sheets/>) are

available on the College of Education website or in the Student Services Office in Furman Hall.

Level II: Professional education

Elementary Education

Code	Title	Credits
Fall and Winter Terms		
ED 340	^SUPPORTIVE DIFFERENTIATED ENVIRONMENTS	3
ED 407	SEMINAR	2
ED 408	WORKSHOP	2
ED 409	PRACTICUM/CLINICAL EXPERIENCE	3
ED 410	INTERNSHIP/WORK EXPERIENCE	3
ED 427	ASSESSMENT FOR K-12 INSTRUCTION	2
ED 456	STRATEGIES FOR TEACHING LANGUAGE ARTS AND SOCIAL STUDIES	3
ED 457	TEACHING ELEMENTARY MATHEMATICS FOR UNDERSTANDING	3
ED 483	DEVELOPMENTAL READING	3
SED 459	SCIENCE AND THE NATURE OF INQUIRY	3
Spring Term **		
ED 410	INTERNSHIP/WORK EXPERIENCE	10
ED 424	TEACHER AS REFLECTIVE PRACTITIONER	2
Total Credits		39

Secondary Education (Middle/High School)

Code	Title	Credits
Fall and Winter Terms		
ED 340	^SUPPORTIVE DIFFERENTIATED ENVIRONMENTS	3
ED 407	SEMINAR	2
ED 408	WORKSHOP	2
ED 409	PRACTICUM/CLINICAL EXPERIENCE	3
ED 410	INTERNSHIP/WORK EXPERIENCE	3
ED 412	LEARNING STYLES AND NEEDS IN ADOLESCENCE	2
ED 425	CURRICULUM IMPLEMENTATION AND INSTRUCTIONAL STRATEGIES 7-12	4
ED 427	ASSESSMENT FOR K-12 INSTRUCTION	2
ED 493	READING, LITERATURE, AND LANGUAGE DEVELOPMENT IN THE CONTENT	2
ED 494	CONTENT STANDARDS AND CURRICULUM DEVELOPMENT FOR HIGH SCHOOL	3-4
or SED 473	SCIENCE PEDAGOGY AND TECHNOLOGY I	
or SED 474	MATHEMATICS PEDAGOGY AND TECHNOLOGY I	
Spring Term **		
ED 410	INTERNSHIP/WORK EXPERIENCE	10
ED 424	TEACHER AS REFLECTIVE PRACTITIONER	2
Total Credits		38-39

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If you have taken HDFS 311, HDFS 313, HDFS 314 and have a 3.0 GPA or higher, you do not need to take ED 253

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Spring term courses are offered exclusively through Ecampus to accommodate all student teaching placements

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Baccalaureate Core Course (BCC)

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Writing Intensive Course (WIC)

Major Code: 233

Pre-Education Major Code: 232