

SECONDARY EDUCATION – SCIENCE OR MATH PRE- MAJOR

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The following pre-major is recommended for students who are considering completing a Bachelor's degree in Secondary Education in a Science or Math field after transferring to a four-year institution. It is designed for students who have not decided upon a specific four-year college or university. Education pre-majors are strongly encouraged to choose a transfer school as soon as possible. Once a transfer school is selected, students are encouraged to follow the specific notes for that school, consult the Education Department Co-Chair and the Office of Advising, Transitions, and Student Success at Oakton, as well as the College of Education at the desired transfer school.

A grade of "B" or better is required by Colleges of Education in EDN courses and PSY 201. An overall GPA of 2.75 or higher is required for admission to most Colleges of Education. Students are highly encouraged to ensure they have the required minimum ACT or SAT scores set by their transfer College of Education, prior to graduating from Oakton. Students complete at least 45 pre-clinical hours in local K-12 schools as part of their Education courses at Oakton. Students are encouraged to use summer/winterim/interim sessions in order to spread out the work load. Maintaining the sequence of courses is recommended.

For more information on course selection or program-specific advising, contact the department co-chair. Part time students should also consult the Office of Advising, Transitions, and Student Success for part-time pre-major recommendations. Students placed in developmental English or Math are encouraged to maintain the recommended sequence of courses over more semesters. **General Education courses should be selected from the list of IAI General Education Courses.**

Course	Title	Hours
First Year		
Semester One		
EGL 101	Composition I	3
MAT 250	Calculus I	5
EDN 101	Introduction to Education (includes 15 pre-clinical hours)	3
Select one of the following:		3-4
BIO 121	General College Biology I (Biology students)	
CHM 121	General College Chemistry I (Chemistry students)	
PHL 106	Ethics (Math students)	
Hours		14-15
Semester Two		
EGL 102	Composition II	3
MAT 251	Calculus II	4
Select one of the following:		4
BIO 122	General College Biology II (Biology students)	
CHM 122	General College Chemistry II (Chemistry students)	
CHM 121	General College Chemistry I (Math students)	
Select one of the following:		3
EGL 131	Multicultural Literature in the U.S. ²	
EGL 132	LGBTQ+ Literature ²	
EGL 133	Women and Literature ²	
EGL 134	Introduction to African-American Literature ²	
EGL 135	Introduction to Native American Literature ³	

HUM 124	African-American Culture and the Arts ²	
HUM 140	Introduction to Women's and Gender Studies ²	
Hours		14
Second Year		
Semester One		
SPE 103	Effective Speech	3
PSC 101	American Government	3
EDN/PSY 201	Educational Psychology (Includes 12 pre-clinical hours)	3
Select one of the following:		4-5
CHM 121	General College Chemistry I (Biology students)	
CHM 223	Organic Chemistry I (Chemistry students)	
MAT 252	Calculus III (Math students)	
Select one of the following:		3
PHL 106	Ethics (Biology or Chemistry students)	
HIS 111	United States History to 1877 (Math students)	
HIS 112	United States History from 1877 (Math students)	
Hours		16-17
Semester Two		
ANT 102	Introduction to Social and Cultural Anthropology ¹	3
Select one of the following:		4
CHM 122	General College Chemistry II (Biology students)	
BIO 121	General College Biology I (Chemistry or Math students)	
Select one of the following:		3-5
EAS 100	Introduction to Earth Science (Biology students)	
CHM 224	Organic Chemistry II (Chemistry students)	
MAT 260	Introduction to Linear Algebra (Math students)	
Select one of the following:		3
HIS 111	United States History to 1877	
HIS 112	United States History from 1877 (Biology or Chemistry studentS)	
EDN 280	Educating Exceptional Learners (Math students. Offered in spring only; includes 20 pre-clinical hours)	
Select one of the following:		3
ART 114	Art History: Art of the Non-Western World ¹	
HUM 123	Introduction to Art	
HUM 125	Introduction To Music	
HUM 131	Introduction to Theater	
HUM 165	Introduction to World Music ¹	
MUS 236	Music Literature and History	
Hours		16-18
Total Hours		60-64

- 1 Course fulfills the Global Studies Requirement. At least one Global Studies course is required for degree completion.
- 2 Course fulfills the U.S. Diversity Requirement. At least one U.S. Diversity course is required for degree completion.
- 3 Course fulfills both, the Global Studies and U.S. Diversity Requirements.

Note 1: Pre-major is a recommended sequence and selection of courses. See Associate in Arts (A.A.) page for degree requirements.

Note 2: Secondary Education students major in the area they plan to teach, once they transfer to a College of Education (e.g., high school English teachers major in English, History teachers major in History, etc.). In addition, students will complete the required Education methods courses and student teaching at the transfer institution. To determine which courses to take within the area of study, students should consult their intended transfer institution and the Oakton pre-major in that discipline, if available. Some transfer institutions limit the overall number of credits they will accept as transfer toward a particular degree (e.g. a limit of 3 History courses allowed to transfer toward a BA in History). If the

student has reached that limit and has not yet completed 60 credits toward an AA degree at Oakton, the student should choose general elective credits related to their field instead of credits in their discipline of study.