



THE UNIVERSITY OF  
**MEMPHIS**<sup>®</sup>

College of Education

# K-12 EDUCATION STEM Focused MINOR FOR NON- EDUCATION MAJORS

## Advising Sheet

Welcome to the K-12 Education Minor for Non-Education Majors, which leads to a Graduate Certificate in Secondary Education and a Tennessee License to teach grades 6-12. This minor sheet is a guide for selecting and sequencing courses required in the K-12 Education Minor. For additional information, please contact Ms. Paris Samuels, MAT Academic Counselor at [pnkelsey@memphis.edu](mailto:pnkelsey@memphis.edu).

- Licensure Requirements: K-12 Minor Education candidates must complete 18 hours of undergraduate education coursework as well as 15 hours of graduate coursework. The TN Job-Embedded Practitioner's License may be received upon completion of the Bachelor's degree and K-12 Education Minor.
- Use your major's internship course to complete field hours in a 6-12 classroom. Please contact [tecpc@memphis.edu](mailto:tecpc@memphis.edu) to receive the internship application link and background check information.
- Teacher Education Program (TEP): K-12 Minor candidates must apply for admission to TEP before beginning their graduate coursework in the Fall semester and fulfill all TEP requirements. Candidates must have a 2.75 undergraduate GPA to be admitted to TEP. Once candidates are admitted to TEP, they must maintain a 3.0 graduate GPA on all graduate coursework. Contact TEP Admissions Coordinator, Ms. Mary Lanier, at [mlanier@memphis.edu](mailto:mlanier@memphis.edu) for questions about the TEP Admissions Process. TEP Application Link: [https://memphis.col.qualtrics.com/jfe/form/SV\\_8cDgQXfNBzx5CBv](https://memphis.col.qualtrics.com/jfe/form/SV_8cDgQXfNBzx5CBv)
- Licensure Exams: \*Effective June 2023, candidates with undergraduate degrees in History, English, Science, Math, and World Languages are not required to pass Praxis II Content exams to be licensed to teach in Tennessee.\*
- Job Embedded Practitioner (JEP) License: For information go to: [memphis.edu/tep/licensure/jep-teaching-license.php](http://memphis.edu/tep/licensure/jep-teaching-license.php).
- edTPA: All candidates obtaining a TN Teaching License must complete The Professional Seminar (ICL 7993). The edTPA is not necessary if teaching on a current Job-Embedded license.



### Level 1 Course Work (Undergraduate/Minor)



#### Suggested Course Sequence

##### Summer Semester (6 hours)

- ICL 3000 – Principles of Teaching
- SPED 2000 – Foundations for Exceptional Learners

##### Fall I Semester (6 hours)

- EDPR 3302 – Child/Adolescent Development
- ICL 3333 – Student Assessment/Instructional Decision Making

##### Spring I Semester (6 hours)

- ICL 400I – Teaching Diverse Environments
- IDT 3600 – Technology in Education
- Apply for your Graduate Certificate and the MS program during the final semester of your undergraduate course work.
- [https://www.memphis.edu/graduateadmissions/future/apply\\_grad.php](https://www.memphis.edu/graduateadmissions/future/apply_grad.php)

**Total  
Hours:  
18**



# Level 2 Course Work (Graduate Certificate)

## Summer II Semester (3 hours)

- EDPR 752I – Introduction to Research Design and Methodology

- Last opportunity to apply for TEP Admissions.
- Apply for TEP Admissions here.
- Secure teaching position.
- Contact Ms. Lanier (mlanier@memphis.edu) to apply for your JEP (Job-Embedded) teaching license when you receive an Intent to Hire letter.
- You cannot begin graduate course work until you are admitted to TEP and have secured a teaching position.

## Fall II Semester (6 hours)

- LITL 7545 – Teaching Lit Subject Areas

### Enroll in Teaching Methods Course:

- ICL 7303 – English Language Composition in the Secondary School
- ICL 7502 – Teaching Mathematics in the Middle and Secondary School
- ICL 7602 – Teaching Science in the Secondary School
- ICL 7652 – Teaching Social Studies in the Middle and Secondary School

## Spring II Semester (3 hours)

- ICL 7992 - Master's Project (Job-Embedded Candidates)

### Enroll in Secondary Education Seminar Course:

- ICL 7168 – Seminar in Secondary Education

**Total  
Hours:  
15**

# Level 3 Course Work (Complete the MS Degree)

Complete the remaining 15 hours of STEM focused course work required for your content area to receive the MS degree.

- ICL 7719: Intro to STEM Education
- ICL 7720: STEM Curriculum Leadership
- ICL 7721: STEM Teacher Development
- ICL 7722: Teaching and Learning in STEM
- ICL 7723: Equity in STEM Education

**Total  
Hours:  
15**

- Contact Dr.Olayinka Mohorn-Mintah at olayinka.m@memphis.edu for questions about the remaining 15 hours needed to complete the MS degree.

- Follow the Office of Teacher Education on our social media platforms for updates and important information:
  - Instagram - @uofmeducation