

## **The Graduate Certificate of Preparing Future Faculty**

The Graduate Certificate of Preparing Future Faculty (12 credit hours) prepares doctoral students (and other graduate students) for an academic career in a variety of institutional types<sup>1</sup>. Students must complete at least 1 course from each of the following three modules. If a course is cross listed under multiple modules (e.g., ELRC 7606, GRAD 7004), it can only be counted toward the requirement of one module. At least 9 credit hours in the minimum required coursework be in courses at or above the 7000-Level. Courses marked with “Online” have an online option.

The use of credit earned towards a certificate may be applied to a master’s or doctoral degree but only with the explicit approval of the department offering the degree.

### **1. Foundational Pedagogy (3-6 hours)**

Courses under this module build foundational pedagogy for adult learning and development, and help a student become a more effective teacher in a college and university setting.

- LHRD 4025 Principles of Adult Education (3)
- EDCI 7610 Advanced Seminar and Practicum in Curriculum and Instruction (3-6)
- ELRC 7606 Curriculum and College Teaching (3)
- ELRC 7612 Student Development Theory [Online] (3)
- LHRD 7025 Advanced Adult Learning Theory and Practice [Online] (3)
- CHEM 7740 Special Topics in Chemical Education Research and Practice (2-3)
- MATH 7001 Communicating Math I (1)
- MATH 7002 Communicating Mathematics II (1)
- PSYC 7990 Teaching of Psychology (3)
- PSYC 7690 Teaching of Psychology Practicum (3)
- **\*GRAD 7004 Learning Through Evidence-Based Teaching (3) \*\*See page 3 for class details\*\***

[or any courses submitted by an academic college or department that fit the theme, with approval by the program director]

### **2. Teaching in a Diverse Classroom (3-6 hours)**

Courses under this module help prepare one to teach an increasingly diverse constituency effectively.

- EDCI 4800 Teaching in the Multicultural Classroom (3)
- LHRD 4870 Diversity in Global Learning Environments (3)
- EDCI 7304 Critical Race Theory and Education (3)
- ELRC 7600 Issues of Race and Gender in Higher Education [Online] (3)
- LHRD 7305 Cultural Competence and Diversity [Online] (3)
- **\*GRAD 7004 Learning Through Evidence-Based Teaching (3) \*\*See page 3 for class details\*\***

[or any courses submitted by an academic college or department that fit the theme, with approval by the program director]

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<sup>1</sup> Graduate Minor of Preparing Future Faculty requires 9 credit hours, one course from each of the 3 modules.

### **3. Faculty Readiness (3-6 hours)**

Courses under this module help them navigate a full range of faculty roles in teaching, research, and service and build related practical skills for a successful academic career.

- ELRC 7602 Organization and Administration of Higher Education [Online] (3)
- ELRC 7604 Politics and Policy of Higher Education (3)
- ELRC 7606 Curriculum and College Teaching (3)
- ELRC 7610 Assessment and Evaluation in Higher Education [Online] (3)
- ELRC 7611 College Students in the United States [Online] (3)
- **\*GRAD 7004 Learning Through Evidence-Based Teaching (3) \*\*See page 3 for class details\*\***

[or any courses submitted by an academic college or department that fit the theme, with approval by the program director]

*Students may submit course(s) for the program director to assess and approve to meet the requirement.*

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## **Outline of GRAD 7004 (Learning Through Evidence-Based Teaching)**

### **Class schedule in Fall 2024:**

- **2:30-3:50pm Fri @ 245 Howe-Russell-Kniffen**
  
- Week 1: **Why vs. why not to pursue an academic career?**
- Week 2 – CIRTL course: Practice and Feedback – Peer Instruction
- Instructor led: **Writing a Teaching Statement**
- Week 3&4 – Practice and Feedback – Problem-Based Learning
- Instructor led: **Writing a Research Statement**
- Week 5&6 – Thinking Like a Scientist – Inquiry-Based Labs
- Instructor led: **Preparing an academic CV**
- Week 7&8: **Preparing for a Faculty Job Interview**
- Week 9: **Publish or Perish**
- Week 10: **Responsible Conduct of Research and IRB**
- Week 11: **Course Design**
- Week 12: **Grant Opportunities and Grant Writing Tips**
- Week 13&14: **Tenure and Promotion Process and Expectations**
- Week 15: Wrap-up

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