Graduate Concentrations for Dual Credit Teaching

Northern Kentucky University

Individuals who would like to teach college-level courses in high schools and community colleges can take 18 credit hours of graduate coursework in a particular discipline. Certified teachers interested in teaching "dual-credit" courses in Kentucky or Indiana, or "college credit plus" courses in Ohio, must take graduate-level courses to enhance their disciplinary content knowledge. Those who complete the required coursework will be eligible to teach introductory level courses in that particular discipline.

The 18 credit hours of graduate coursework can be used as a concentration for: (1) the Master of Arts in Education (MAED) – Teacher as Leader program; (2) the Education Specialist (Ed.S.) – Teaching and Leading program; or (3) Rank 1 certification in Kentucky.

All students taking the Graduate Concentration for Dual-Credit Teaching must take the following mandatory courses:
- Introduction to the Concentration for Dual Credit Teaching (EDG 608, 0 credit)
- Capstone to the Concentration for Dual Credit Teaching (EDG 609, 0 credit)

NKU is offering four concentrations with graduate-level, discipline-specific courses of 18 credit hours for each concentration:
- STEM concentration: Computer Science
- Liberal Arts / Social Sciences concentrations: Communication, or English

COMPUTER SCIENCE

Teachers take 18 credit hours of Computer Science graduate courses:
- Object Oriented Programming (CSC 500, 3 credits)
- Data Structures and Computer Systems (CSC 501, 3 credits)
- Advanced Programming Methods (CSC 502, 3 credits)
- Software Testing and Maintenance (CSC 539, 3 credits)
- *select two courses from the options below* (6 credits)*:*
    - Concepts of Programming Languages (CSC 507, 3 credits)
    - Mobile App Development (CSC 515 [Android] or CSC 516 [iOS], 3 credits)
    - Artificial Intelligence (CSC 525, 3 credits)
    - Software Engineering (CSC 540, 3 credits)
    - Database Management Systems (CSC 550, 3 credits)
    - Advanced Web Application Development (CSC 556, 3 credits)
    - Operating Systems (CSC 560, 3 credits)
    - Computer Security (CSC 582, 3 credits)
    - Social Implications of Computing (CSC 670, 3 credits)

Note: Teachers with no programming experience will be required to take Technology in Education (EDG 602) prior to CSC 500.

At the completion of these graduate courses, teachers will be qualified to teach the following dual credit courses:
- Elementary Programming (INF 120, 3 credits) – NKU general education course
- Object Oriented Programming I (CSC 260, 3 credits) – has a corresponding Advanced Placement exam
- Introduction to Web Development (INF 286, 3 credits)
- Computer Science Principles – has a corresponding Advanced Placement exam

COMMUNICATION

Teachers take 18 credit hours of Communication graduate courses:
- Communication Theory (COM 601, 3 credits)
- Communication Pedagogy (COM 621, 3 credits)
- Issues in Communication Pedagogy (COM 625, 3 credits)
- Communication Teaching Practicum (COM 680, 3 credits)
- *select two areas of teaching specialty from the options below* (6 credits):
  - Specialty Area A: Public Speaking
    - Persuasion (COM 640) or Rhetorical Criticism (COM 560)
  - Specialty Area B: Media Literacy
    - Media Criticism (COM 671)
  - Specialty Area C: Interpersonal Communication
    - Interpersonal Communication (COM 620) or Relational Communication (COM 520)
  - Specialty Area D: Organizational Communication
    - Organizational Communication (COM 604) or Organizational Culture & Identity (COM 677)
  - Specialty Area E: Public Relations
    - Public Relations (COM 675)

At the completion of these graduate courses, teachers will be qualified to teach the following dual credit courses:
- Public Speaking (CMST 101, 3 credits) – NKU general education course
- Introduction to Communication Studies (CMST 110, 3 credits) – NKU general education course
- Media Literacy (EMB 100, 3 credits) – NKU general education course
- Media in a Diverse Society (EMB 105, 3 credits) – NKU general education course
- Introduction to Popular Culture (POP 205, 3 credits) – NKU general education course
- International Popular Culture (POP 250, 3 credits) – NKU general education course

ENGLISH

Teachers take 18 credit hours of English graduate courses:
- Composition Theories (ENG 556, 3 credits)
- Composition and Rhetoric Practicum (ENG 646, 3 credits)
- Readings in Composition and Rhetoric (ENG 735, 3 credits)
- *select three courses from the options below* (9 credits)*:*
    - Theories of Community Literacy (ENG 638, 3 credits)
    - Topics in Contemporary Rhetoric (ENG 645, 3 credits)
    - History of Rhetoric (ENG 647, 3 credits)
    - any English course designated at the 500+ or 600+ level

At the completion of these graduate courses, teachers will be qualified to teach the following dual credit courses:
- College Writing (ENG 101, 3 credits) – NKU general education course
- Advanced College Writing (ENG 291, 3 credits) – NKU general education course