# Middle Grades Education (MGE) Advising Checklist

## General Education
- **Composition I and Advanced Composition**
  - RHET 101/100 & RHET 102/100 or RHET 105 or CMN 111 & CMN 112 or ESL 114 & ESL 115
- Advanced Composition
- **Language other than English (LoTE)**
  - 3 years in high school or 3rd level in one LoTE
- **Cultural Studies**
  - Western Comparative
  - Non-Western/US Minority
- **Natural Science & Technology** (cannot include courses from HORT, DANC, or UP)
  - Life Science
  - Physical Science
- **Quantitative Reasoning**
  - Quantitative Reasoning

## Professional Education Foundations
- EDU 101 (1)
- EPSY 201 (3)
- EDU 201 (3)
- EDU 202 (3)
- CI 415 (3)

## Year I Fall (12)
- CI 410 (3)
- CI 467 (3)
- EPSY 430 (3)

## Year I Spring (0-3)
- CI 401 (3) (for math concentration only)

## Year II Fall (13)
- CI 476 (3)
- CI 402 (3)
- SPED 405 (3)
- EDPR 250 (4)

## Year II Spring (15)
- CI 404 (3)
- EDPR 442 (12)

## Concentration(s)
- 24-27 hours within at least one of the following concentration areas (see reverse for requirements):
  - Social Science
  - Science
  - Mathematics
  - Literacy

## Per ISBE policy, teacher candidates must earn grades of C or higher in the following courses:
- All courses used to satisfy the concentration requirements
- All Professional Education Courses

## Endorsements (optional)
- Foreign language
- ESL
- Bilingual

## Electives (courses to meet graduation requirement of 120 hours):

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**Notes:**

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*Endorsement information: [http://cote.illinois.edu/certification/Endorsements.html](http://cote.illinois.edu/certification/Endorsements.html)
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## Social Studies Concentration Classes
- □ CI 402T (3)
- □ American History (3-4)
  - HIST 170: US Hist to 1877 (ACP)
  - HIST 171: US Hist to 1877
  - HIST 172: US Hist Since 1877
  - HIST 173: US Hist Since 1877 (ACP)
  - HIST 270: US Hist to 1815
  - HIST 271: Nineteenth Century America
  - HIST 272: Twentieth Century America
- □ Global or World History (3-4)
  - HIST 100: Global History
  - HIST 140: Western Civ to 1660 (ACP)
  - HIST 141: Western Civ to 1660
  - HIST 142: Western Civ Since 1660
  - HIST 143: Western Civ Since 1660 (ACP)
- □ Geography (4)
  - GEOG 104: Social and Cultural Geography
- □ Civics & Government (3)
  - PS 101: Intro to US Gov & Pol
- □ Economics (3)
  - ECON 102: Microeconomic Principles
- □ Elective (to complete additional hours, for 24 hour total; can be selected from courses above or from sociology)

## Social Studies Concentration Classes
- □ CI 402S (3)

### Physical Science - one CHEM & one PHYS (6-9)
- □ Chemistry:
  - CHEM 101: Introductory Chemistry or CHEM 102/103: Gen Chemistry & Lab
  - CHEM 108: Chemistry, Everyday Phenomena
  - CHEM 123: Teaching Elem & Middle Sch Chem

### Physics:
- □ PHYS 101: College Physics: Mech & Heat
  - PHYS 102: College Physics: E&M and Modern
  - PHYS 123: Physics Made Easy
  - PHYS 140: How Things Work
  - PHYS 211: University Physics: Mechanics
  - PHYS 212: University Physics: Elec & Mag

### Life Science - Foundations & Application; min of 3 hours in Foundations (6-8)
- □ Foundations:
  - IB 100: Biological Sciences
  - IB 103: Intro to Plant Biology
  - IB 104: Animal Biology
  - IB 150: Organismal & Evolutionary Biol
  - MCB 100: Introductory Microbiology
  - MCB 150: Molecular & Cellular Basis of Life

### Applications:
- □ IB 105: Environmental Biology
  - IB 109: Insects and People
  - MCB 170: Society and the Brain
  - MCB 180: Reproduction & Society

### Earth Space - one ATMS & one GEOL (6-7)
- □ Atmospheric Science:
  - ATMS 120: Severe and Hazardous Weather
  - ATMS 100: Introduction to Meteorology
  - ATMS 201: General Physical Meteorology

### Geology:
- □ GEOL 107: Physical Geology
  - GEOL 117: The Oceans
  - GEOL 118: Natural Disasters

- □ Elective (to complete additional hours, for 24 hour total)

## Mathematics Concentration Classes
- (At least one course above must be taken for more than the min hours to reach the ISBE requirement of 24 content hours.)
  - □ CI 401M (3)
  - □ CI 402M (3)
  - □ MATH 117 (4)
  - □ Theory of Numbers (3-4)
    - MATH 103: Theory of Arithmetic
    - MATH 453: Elementary Theory of Numbers
  - □ Geometry (3-4)
    - MATH 119: Ideas in Geometry
    - MATH 402: Non-Euclidean Geometry
    - MATH 403: Euclidean Geometry
  - □ Statistics (3-4)
    - STAT 100: Statistics
    - STAT 200: Statistical Analysis
    - STAT 400: Statistics and Probability I
    - STAT 410: Statistics and Probability II
  - □ Calculus (4-5)
    - MATH 220: Calculus
    - MATH 221: Calculus I
  - □ Math Applications (3-4)
    - CS 101: Intro Computing; Engrg & Sci
    - CS 105: Intro Computing; Non-Tech
    - CS 125: Intro to Computer Science
    - MATH 125: Elementary Linear Algebra
    - MATH 181: A Mathematical World
    - MATH 213: Basic Discrete Mathematics
    - MATH 405: Teacher’s Course
    - MATH 406: History of Calculus
    - MATH 415: Applied Linear Algebra

## Science Concentration Classes
- □ CI 402S (3)

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## Literacy Concentration Classes
- □ CI 402E (3)
- □ Composition I (3)
- □ Advanced course (3)
  - BTW 261: Principles Tech Comm
  - ENGL 481: Comp Theory and Practice
  - ENGL 482: Writing Technologies
  - RHET 233: Advanced Rhetoric & Composition
  - WRIT 303: Writing Across the Media

### 100 level literature (ENGL or CWL)
- □ 200 level literature (ENGL or CWL)
  - CI 467 (3)
  - CI 471 (3)
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*Includes a placement (early field experience/student teaching)