

# ENGINEERING: RAILWAY ENGINEERING, MENG

for the Master of Engineering in Engineering Railway Engineering Concentration

For additional details and requirements, please refer to the concentration's website (<http://railwaymeng.engineering.illinois.edu/>) and the Graduate College Handbook (<http://grad.illinois.edu/gradhandbook/>).

## Concentration Requirements

Code	Title	Hours
<b>Core Courses from Illinois</b>		<b>6</b>
CEE 409	Railroad Track Engineering	
CEE 412	High-Speed Rail Engineering	
Alternate Illinois course from approved list for students who have completed one or both of the required courses in previous degree		
<b>Core Courses from KTH</b>		<b>12</b>
CEE 498	Special Topics (RTV, KTH SD2307, Rail Vehicle Technology)	
CEE 498	Special Topics (TMS, KTH AK2036, Theory and Methodology of Science with Applications)	
CEE 598	Special Topics (ET, KTH EJ2400, Electric Traction)	
CEE 598	Special Topics (RVD, KTH SD2313, Rail Vehicle Dynamics)	
<b>Elective Courses from Illinois</b>		<b>14</b>
Railway Elective Courses from Approved List A, minimum 6 hours		
Engineering Elective Courses from Approved List B, minimum 6 hours		
<b>Professional Development courses from approved list</b>		<b>4</b>
<b>Total Hours</b>		<b>36</b>

## Other Requirements and Conditions (may overlap)

Requirement	Description
Minimum of 20 credit hours must be taken at the University of Illinois at Urbana-Champaign campus	
Minimum of 12 500-level credit hours in the concentration with at least 8 credit hours in the core concentration	
No courses used to fulfill any degree requirement may be taken using the Credit/No Credit option.	
Minimum program GPA	3.0