Engineering for diversity and societal impact through sustained engagement and programming

**Grainger Engineering**

**WYSE**
- Family-centric mentorship and academic support for 7th-12th grade

**ChiS&E**
- Family-centric mentorship and academic support for 7th-12th grade

**Summer camps**
- Immersive ENGR explorations in summer (7th-12th, comm. coll.)

**CISTEME365**
- All year ENGR via school partnership (9th-12th)

**GEYuS**
- Research with UIUC mentors (11th-12th)

**ARISE**
- Mentorship, academic preparation, financial aid, and cohort-building for low-income IL students

**MEP and WIE**
- Mentors, support, activities for minorities / women

**NSBE, SWE, SHPE, oSTEM, SACNAS, EA, GEDI**
- Student-run support groups build community, create safe spaces, do service

**Pathways, GearUP**
- Community college transfers

**direct admit**
- Enroll freshman

**GFX**
- 1st year
- Service learning: Chicago / local schools

**ISUR and AWARE**
- Research, entrepreneurship for minorities / women

**CARE, ECS, IPENG**
- Peer tutoring, internships / co-ops, study abroad

**Social Justice Courses**
- Service learning: Chicago / local schools

**City Scholars**
- UIUC students do online and in-person classes in Chicago while interning in industry

**MAVIS**
- 1st year PhD cohort & train future faculty

**ARISE**
- Mentorship, academic preparation, financial aid, and cohort-building for low-income IL students

**MERGE, SURGE**
- Campus visit and financial aid for students from under-represented groups

**IDEA Institute**
- Conduct research on diversity initiatives and policies (faculty, staff, students, K-12, and the public)

**AE3**
- Improve instruction through innovations in pedagogy and use of technology

**EFLF**
- Train faculty leaders

**Grainger Engineering develops curriculum** (e.g., healthcare, AI, cloud, power, quantum) for learners at all levels

**K-20 engineering education and social justice projects**

Legend:
- Solid boxes: diversity focused
- Dashed boxes: diversity aware
- Red: mentoring, support, cohorts
- Yellow: courses and training
- Brown: research
- Blue: enrollment
- Purple: co-curricular programs
- Gray: non-degree education

Each box has one or more clickable links