If you have a bachelor’s degree in one the fields below, or at least two years
of work experience in any of these fields, you may qualify for the Robert Noyce
Teacher Scholars Program at ASU’s Mary Lou Fulton Teachers College. Please
contact us with any questions related to your eligibility:
480-965-9995 or noycescholars@asu.edu

### Chemistry

- Chemical catalysis
- Chemical measurement and imaging
- Chemical structure, dynamics and mechanism
- Chemical synthesis
- Chemical theory, models and computational methods
- Chemistry of life processes
- Environmental chemical systems
- Macromolecular, supramolecular and nanochemistry
- Sustainable chemistry
- Chemistry, other

### Computer and information science and engineering

<table>
<thead>
<tr>
<th>Algorithms and theoretical foundations</th>
<th>Graphics and visualization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication and information theory</td>
<td>Human computer interaction</td>
</tr>
<tr>
<td>Computational science and engineering</td>
<td>Informatics</td>
</tr>
<tr>
<td>Computer and information security</td>
<td>Machine learning</td>
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<tr>
<td>Computer architecture</td>
<td>Natural language processing</td>
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<tr>
<td>Computer systems, networking, and embedded systems</td>
<td>Robotics and computer vision</td>
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<tr>
<td>Databases</td>
<td>Software systems and software engineering</td>
</tr>
<tr>
<td>Data mining and information retrieval</td>
<td>CISE, other</td>
</tr>
</tbody>
</table>

### Engineering

<table>
<thead>
<tr>
<th>Aeronautical and aerospace</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering</td>
<td>Mechanical</td>
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<tr>
<td>Biomedical</td>
<td>Nuclear</td>
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<tr>
<td>Chemical engineering</td>
<td>Ocean</td>
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<tr>
<td>Civil engineering</td>
<td>Optical engineering</td>
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<tr>
<td>Computer engineering</td>
<td>Polymer</td>
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<tr>
<td>Electrical and electronic</td>
<td>Systems engineering</td>
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<tr>
<td>Energy</td>
<td>Engineering, other</td>
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<tr>
<td>Environmental</td>
<td></td>
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<tr>
<td>Industrial engineering and operations research</td>
<td></td>
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</tbody>
</table>
Geosciences

Atmospheric chemistry
Aeronomy
Biogeochemistry
Biological oceanography
Chemical oceanography
Climate and large-scale atmospheric dynamics
Geobiology
Geochemistry
Geodynamics
Geophysics
Glaciology
Hydrology

Magnetospheric physics
Marine biology, marine geology and geophysics
Paleoclimate
Paleontology and paleobiology
Petrology
Physical and dynamic meteorology
Physical oceanography
Sedimentary geology
Solar physics
Tectonics
Geosciences, other

Life sciences

Biochemistry
Biophysics
Cell biology
Developmental biology
Ecology
Environmental science
Evolutionary biology
Genetics
Genomics
Microbiology
Molecular biology
Neurosciences organismal biology
Physiology
Proteomics
Structural biology
Systematic biology
Life Sciences, other

Materials research

Biomaterials
Ceramics
Chemistry of materials
Electronic materials
Materials theory
Metallic materials
Photonic materials
Physics of materials
Polymers
Materials research, other
Mathematical sciences

Algebra, number theory and combinatorics
Analysis
Applied mathematics
Biostatistics
Computational and data-enabled science
Computational mathematics
Computational statistics
Geometric analysis
Logic or foundations of mathematics
Mathematical biology
Probability
Statistics
Topology
Mathematics, other

Physics and astronomy

Astronomy and astrophysics
Atomic, molecular and optical
Condensed matter
Nuclear
Particle
Physics of living systems
Plasma
Solid state
Theoretical physics
Physics, other

Psychology

Cognitive
Cognitive neuroscience
Computational
Developmental
Experimental or comparative
Industrial / organizational
Neuropsychology
Perception and psychophysics
Personality and individual differences
Physiological
Psycholinguistics
Quantitative
Social
Psychology, other
Social sciences

Archaeology
Biological anthropology
Cultural anthropology
Anthropology, other
Communications
Decision making and risk analysis
Economics (except business administration)
Geography
History and philosophy of science
International relations
Law and social science

Linguistics
Linguistic anthropology
Medical anthropology
Political science
Public policy
Science policy sociology (except social work)
Urban and regional planning
Social sciences, other

STEM education and learning research

Engineering education
Mathematics education
Science education
Technology education
STEM education and learning research, other