

I'm majoring in

Metallurgical and Materials Engineering



DEGREES OFFERED AT UTEP

Undergraduate

- B.S. in Metallurgical and Materials Engineering

Masters

- M.S. in Metallurgical and Materials Engineering

Doctorates

- Ph.D. in Materials Science and Engineering

What can I do with this major?



- [Researcher](#)
- [Professor](#)
- [Biomaterials Engineer](#)
- [Materials Engineer](#)
- [Metallurgist](#)
- [Quality Engineer](#)
- [Welding Engineer](#)
- [Minerals Processing Engineer](#)

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Internship Opportunities

UTEP Student Organizations

Professional Organizations

Online Resources

Major Related Sites

Related Occupations



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Internship Opportunities

Indeed.com

<http://www.indeed.com/jobs?q=metallurgy+internship&l=>

Simply Hired

<http://www.simplyhired.com/search?q=metallurgy+internship&fjt=internship>

Juju: Metallurgical and Materials Engineering Internship Listings

<http://www.job-search-engine.com/jobs?k=metallurgical+and+materi-als+engineering+internship&l=United+States>

White Sands Testing Facility NASA WSTF

<http://www.nasa.gov/centers/wstf/home/index.html>

Freeport McMoRan

<http://www.fmjobs.com>

INROADS

<https://inroads.org/>

WayUp

<https://www.wayup.com/s/internships/engineering/>



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FIND OUT ABOUT:



- Work areas
- Types of employers
- Employment information
- Strategies

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UTEP Student Organizations

[American Foundry Society \(AFS\)](https://minetracker.utep.edu/organization/afsinc_org/)

https://minetracker.utep.edu/organization/afsinc_org/

[Alpha Sigma Mu \(MME Honor Society\)](https://minetracker.utep.edu/organization/asm)

<https://minetracker.utep.edu/organization/asm>

[Material Advantage](https://minetracker.utep.edu/organization/materialadvantage)

<https://minetracker.utep.edu/organization/materialadvantage>

[Society of Automotive Engineers \(SAE\)](https://minetracker.utep.edu/organization/sae)

<https://minetracker.utep.edu/organization/sae>

[Latinos in Science and Engineering \(MAES\) / Society of Hispanic Professional Engineers \(SHPE\)](https://minetracker.utep.edu/organization/maesshpe30)

<https://minetracker.utep.edu/organization/maesshpe30>

[Tau Beta Pi Honor Society](http://engineering.utep.edu/tbp/TBP/Home.html)

<http://engineering.utep.edu/tbp/TBP/Home.html>

[Society of Women Engineers \(SWE\)](http://utep.swe.org/)

<http://utep.swe.org/>

[Engineers Without Borders \(EWB\)](https://www.ewb-usa.org/)

<https://www.ewb-usa.org/>

[Biomedical Engineering Society \(BMES\)](https://minetracker.utep.edu/organization/bmes_utep)

https://minetracker.utep.edu/organization/bmes_utep



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Professional Organizations

The Materials Information Society (ASM)

<http://www.asminternational.org/portal/site/www/>

Tau Beta Pi Honor Society

<http://www.tbp.org/home.cfm>

Society of Hispanic Professional Engineers (SHPE)

<http://www.shpe.org/>

Latinos in Science and Engineering (MAES)

<http://mymaes.org/>

National Society of Black Engineers (NSBE)

<http://www.nsbe.org/>

Society of Women Engineers (SWE)

<http://societyofwomenengineers.swe.org/>

The Minerals, Metals, and Materials Society (TMS)

<http://www.tms.org/TMSHome.aspx>

American Foundry Society (AFS)

<http://www.afsinc.org/>

Alpha Sigma Mu (MME Honor Society)

<http://www.alphasigmamu.org/>

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- World-wide internship and job listings
- Types of employers
- Employment information
- Strategies

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Metallurgical and Materials Engineering

<http://egfi-k12.org/#/cards/materials>

Manufacturing Careers and Resources

<http://www.khake.com/page40.html>

Standard Handbook of Machine Design

<http://www.knovel.com/web/portal/main>

Becoming Licensed As a Professional Engineer

<http://www.nspe.org/Licensure/index.html>

State Licensing Boards Engineers and Land Surveyors

<http://ncees.org/licensing-boards/>

National Academy of Engineering

<http://www.nae.edu/>

National Science Teacher Association

<http://www.nsta.org/>

Texas State Boards for Engineering

<https://pels.texas.gov/>

State Divisions of Occupational Licensure

<http://www.khake.com/page5.html>

Structural Engineers - Societies, and Professional Boards

<http://www.senh.org/>

Steps to Becoming a Licensed Engineer

<https://www.asme.org/certification-accreditation>

Technical Societies

<http://www.aiche.org/TechnicalSocieties/>

MIT Open Courseware

<https://ocw.mit.edu/index.htm>

All Engineering Schools

<https://www.allengineeringschools.com/engineering-careers/article/engineering-resources/>

FIND OUT ABOUT:



- Occupation descriptions & real-world information
- Career exploration tools & resources for veterans

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Major Related Job Sites

Indeed: Metallurgy Engineer Job Listings

<http://www.indeed.com/q-Metallurgy-engineer-jobs.html>

Engineering Science

<http://www.bls.gov/ooh/Management/Architectural-and-engineering-managers.htm>

Systems Engineering

<http://www.bls.gov/ooh/Computer-and-Information-Technology/Software-developers.htm>

Polymer & Plastics Engineering

<http://www.bls.gov/ooh/Life-Physical-and-Social-Science/Chemists-and-materials-scientists.htm>

Environmental scientists and hydrologists

<http://www.bls.gov/ooh/Life-Physical-and-Social-Science/Environmental-scientists-and-specialists.htm>

Drafters

[http://www.bls.gov/ooh/Architecture-and-Engineering/Drafters.h](http://www.bls.gov/ooh/Architecture-and-Engineering/Drafters.htm)
<http://machinedesign.com/>



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- Earnings
- Expected job prospects
- What workers do on the job
- Working conditions

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has major-specific documents like resume samples.

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Related Occupations

What Can I Do with This Major?

- Researcher
- Professor
- Biomaterials Engineer
- Materials Engineer
- Metallurgist
- Quality Engineer
- Welding Engineer
- Minerals Processing Engineer
- Geotechnical Design Engineer
- Corrosion Engineer
- Hazardous Materials Advisor
- Process Engineer
- Mine Engineer
- Project Engineer
- Structural Engineer
- Manufacturing Engineer
- Process Improvement Engineer
- Textile Engineer
- Materials Survivability Engineer
- Controls Engineer
- Process Simulation Engineer
- Refrigeration Engineer
- Design Engineer
- Packaging Engineer
- Metallurgical Test Engineer
- Production Metallurgist
- Glass Engineer
- Ceramics Engineer
- Metallographist
- Tissue Engineer
- Energy Engineer
- Military Engineer
- Robotics Engineer



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