

## Ceramics Engineering

Course name	Credit units
Principles of Ceramic Powder Preparation & Mixing	2
Advanced Techniques for Materials Characterization I	2
Advanced Techniques for Materials Characterization Lab	1
Errors and Uncertainty in Measurements	1
Advanced Forming Techniques in Ceramics	2
Engineering Non-Oxide Ceramics	2
Oxide Ceramics	2
Seminar I	1
Crystal Growth Principles	2
Seminar II	1
Ceramics Binders	2
Advanced Material Properties	2
Advanced Refractories	2
Nano Materials I	2
Biomaterials	2
Special Topics	2
Advanced Theory of Glass	2
Ceramic Colors	2
Magnetic and Electrical Ceramics	2
Advanced Thermodynamics	2
Advanced Techniques for Materials Characterization II	2
Physical Ceramics	2
Research Methods in Engineering	2
Theory, Properties and Fabrication Technology of Semiconductors	2
Entrepreneurship in Ceramics	2
Research	2
Professional Ethics in Engineering	2
Thesis	6