TECHNOLOGY AND INNOVATION, M.S.

Major in Technology and Innovation - MS

Code	Title	Hours
Depending on the completion option you choose, your total credits needed for degree completion will vary. Thesis option=30 credits. RD Report option=33 credits. Elective option=36 credits.		
TECHNOLOGY INNOVATION PROGRAM COMMON CORE		12
EDTE 603	Fostering Creativity by Design	
EDTE 604	Engineering Principles and Concepts for the Non-Engineer	
EDTE 605	Applying Critical Thinking and Decision Making	
EDTE 646	Writing the Professional Paper	
DEGREE COMPLETION OPTIONS - Choose 1 of the following:		9-15
THESIS OPTION - 30 CREDITS - See Appendix 1		
RESEARCH DEVELOPMENT TECHNICAL PROJECT - 33 CREDITS - See Appendix 2		
TECHNOLOGY INNOVATION ELECTIVES - 36 CREDITS - See Appendix 3		
Concentration has not been determined		
You have not selected a concentration. You must select either the Enterprise or Education Concentration to complete this program.		
Total Hours		**21-27**

Appendix 1. THESIS OPTION - 30 CREDITS

Code	Title	Hours
Technology Innovation Thesis		6
EDTE 699	Thesis:	
Technology Innovation Electives - Choose 3 hours from:		3
ACTE 625	Technology and Assessment for Learning	
ACTE 630	Current Technology for Online Instruction	
ACTE 632	Online Learning Environments	
ACTE 633	Learners in Online Classrooms	
ACTE 634	Legal and Ethical Issues in Online Education	
ACTE 635	Instructional and Curricular Design for Online, Blended and Customized Instruction	
ACTE 651	Science Curriculum and Reform	
ACTE 655	Integrative STEM Education	
ART 526	Trends Art Ed:	
ART 584	Intro Studio Art:	
COMM 610	Seminar in Organizational Comm	
CSCI 501	Coding for Educators	
ECHD 614	Advanced Curriculum in ECHD	
EDFN 520	Instructional Technology in Elem Ed	
EDFN 530	Instructional Technology, Design and Assessment	
EDLD 610	Theory and Organizatnl Behavr	
EDLD 614	School Community Relations	
EDLD 620	School Law and Public Policy	
EDLD 667	Leadership Seminar 1	
EDLD 668	Leadership Seminar 2	
EDLD 669	Leadership Seminar 3	

Code	Title	Hours
EDTE 586	Topics in Industry & Tech	
EDTE 587	Topics in Industry & Tech	
EDTE 588	Sp Topics in Industry & Tech	
EDTE 589	Sp Topics in Industry & Tech	
EDTE 690	Integrtve Lrning Exprntl Strgy	
EDTE 691	Independent Study	
EDUC 575	Current Trends in Education	
EDUC 580	Methods for Teaching English Language Learners	
EDUC 651	Math in the School Program	
EDUC 661	Science in the School Program	
EMGT 601	Principles & Practices of Emergency Management	
EMGT 605	Social Dimensions of Disaster	
EMGT 607	Emergency Mental Health and Trauma	
EMGT 615	Emergency Preparedness for Industry	
EMGT 619	Emergency Management Planning	
EMGT 629	Topics: (Topics: Business Continuity)	
ENTR 510	ENTR Promotions & Branding	
ENTR 511	Entre: Networking & Sales	
ENTR 540	Entrepreneurship Capstone	
GFED 670	Psychology of the Gifted	
GFED 674	Program for the Gifted	
GFED 675	Evaluating Instruct. Effectiveness: App for the Gifted	
GFED 676	Teaching Gifted Learners Instructional Strategies	
AENG 515	Adv Prob:	
AENG 525	Adv Prob:	
AENG 535	Adv Prob:	
AENG 586	Special Topics:	
AENG 587	Special Topics:	
AENG 588	Special Topics:	
AENG 589	Special Topics:	
MATH 622	21st Century Math	
SOWK 501	Principles and Philosophies of Social Work	
SOWK 505	Understanding Social Work Practices w Diverse Pops	
SOWK 510	Human Behavior in the Social Environment I	
SOWK 511	Human Behavior in the Social Environment II	
SOWK 515	Social Welfare Policy	
SOWK 619	Global Perspectives in SOWK	
SPED 600	Introduction to Exceptional Education	
SPED 601	Psyc of Stdnts w/ Disabilities	
SPED 651	Advocacy and Leadership in Special Education	
SPED 671	Behavior Management	
WSSD 551	Coaching of Sport	
WSSD 601	Organization and Administration of Sport Programs	
WSSD 602	Sport in American Culture	
WSSD 604	Event Management	
WSSD 610	Women in Sport	
WSSD 615	Campus Recreation Program	
WSSD 622	Sport Finance	

	Any WSSD 686-689 course(s)	
WSSD 691	Ind Stdy:	

Appendix 2. RESEARCH & DEVELOPMENT TECHNICAL PROJECT - 33 CREDITS

Code	Title	Hours
Research Development Report		6
EDTE 698	Research and Development Technical Project	
Technology Innovation Electives - Choose 6 hours from:		6
ACTE 625	Technology and Assessment for Learning	
ACTE 630	Current Technology for Online Instruction	
ACTE 632	Online Learning Environments	
ACTE 633	Learners in Online Classrooms	
ACTE 634	Legal and Ethical Issues in Online Education	
ACTE 635	Instructional and Curricular Design for Online, Blended and Customized Instruction	
ACTE 651	Science Curriculum and Reform	
ACTE 655	Integrative STEM Education	
ART 526	Trends Art Ed:	
ART 584	Intro Studio Art:	
COMM 610	Seminar in Organizational Comm	
CSCI 501	Coding for Educators	
ECHD 614	Advanced Curriculum in ECHD	
EDFN 520	Instructional Technology in Elem Ed	
EDFN 530	Instructional Technology, Design and Assessment	
EDLD 610	Theory and Organizatnl Behavr	
EDLD 614	School Community Relations	
EDLD 620	School Law and Public Policy	
EDLD 667	Leadership Seminar 1	
EDLD 668	Leadership Seminar 2	
EDLD 669	Leadership Seminar 3	
EDTE 586	Topics in Industry & Tech	
EDTE 587	Topics in Industry & Tech	
EDTE 588	Sp Topics in Industry & Tech	
EDTE 589	Sp Topics in Industry & Tech	
EDTE 590		
EDTE 592		
EDTE 690	Integrtve Lrning Exprntl Strgy	
EDTE 691	Independent Study	
EDUC 575	Current Trends in Education	
EDUC 580	Methods for Teaching English Language Learners	
EDUC 651	Math in the School Program	
EDUC 661	Science in the School Program	
EMGT 601	Principles & Practices of Emergency Management	
EMGT 605	Social Dimensions of Disaster	
EMGT 607	Emergency Mental Health and Trauma	
EMGT 615	Emergency Preparedness for Industry	
EMGT 619	Emergency Management Planning	
EMGT 629	Topics: (Topics: Business Continuity)	
ENTR 510	ENTR Promotions & Branding	
ENTR 511	Entre: Networking & Sales	
ENTR 540	Entrepreneurship Capstone	
GFED 670	Psychology of the Gifted	

GFED 674	Program for the Gifted	
GFED 675	Evaluating Instruct. Effectiveness: App for the Gifted	
GFED 676	Teaching Gifted Learners Instructional Strategies	
AENG 515	Adv Prob:	
AENG 525	Adv Prob:	
AENG 535	Adv Prob:	
AENG 586	Special Topics:	
AENG 587	Special Topics:	
AENG 588	Special Topics:	
AENG 589	Special Topics:	
MATH 622	21st Century Math	
SOWK 501	Principles and Philosophies of Social Work	
SOWK 505	Understanding Social Work Practices w Diverse Pops	
SOWK 510	Human Behavior in the Social Environment I	
SOWK 511	Human Behavior in the Social Environment II	
SOWK 515	Social Welfare Policy	
SOWK 619	Global Perspectives in SOWK	
SPED 600	Introduction to Exceptional Education	
SPED 601	Psyc of Stdnts w/ Disabilities	
SPED 651	Advocacy and Leadership in Special Education	
SPED 671	Behavior Management	
WSSD 551	Coaching of Sport	
WSSD 601	Organization and Administration of Sport Programs	
WSSD 602	Sport in American Culture	
WSSD 604	Event Management	
WSSD 610	Women in Sport	
WSSD 615	Campus Recreation Program	
WSSD 622	Sport Finance	
WSSD 686-689		
WSSD 691	Ind Stdy:	

Appendix 3. TECHNOLOGY & INNOVATION ELECTIVES - 36 CREDITS

Code	Title	Hours
Technology Innovation Electives - Choose 15 hours from:		15
ACTE 625	Technology and Assessment for Learning	
ACTE 630	Current Technology for Online Instruction	
ACTE 632	Online Learning Environments	
ACTE 633	Learners in Online Classrooms	
ACTE 634	Legal and Ethical Issues in Online Education	
ACTE 635	Instructional and Curricular Design for Online, Blended and Customized Instruction	
ACTE 651	Science Curriculum and Reform	
ACTE 655	Integrative STEM Education	
ART 526	Trends Art Ed:	
ART 584	Intro Studio Art:	
COMM 610	Seminar in Organizational Comm	
CSCI 501	Coding for Educators	
ECHD 614	Advanced Curriculum in ECHD	
EDFN 520	Instructional Technology in Elem Ed	

EDFN 530	Instructional Technology, Design and Assessment	
EDLD 610	Theory and Organizatnl Behavr	
EDLD 614	School Community Relations	
EDLD 620	School Law and Public Policy	
EDLD 667	Leadership Seminar 1	
EDLD 668	Leadership Seminar 2	
EDLD 669	Leadership Seminar 3	
EDTE 586	Topics in Industry & Tech	
EDTE 587	Topics in Industry & Tech	
EDTE 588	Sp Topics in Industry & Tech	
EDTE 589	Sp Topics in Industry & Tech	
EDTE 590		
EDTE 592		
EDTE 690	Integrtve Lrning Exprntl Strgy	
EDTE 691	Independent Study	
EDUC 575	Current Trends in Education	
EDUC 580	Methods for Teaching English Language Learners	
EDUC 651	Math in the School Program	
EDUC 661	Science in the School Program	
EMGT 601	Principles & Practices of Emergency Management	
EMGT 605	Social Dimensions of Disaster	
EMGT 607	Emergency Mental Health and Trauma	
EMGT 615	Emergency Preparedness for Industry	
EMGT 619	Emergency Management Planning	
EMGT 629	Topics: (Topics: Business Continuity)	
ENTR 510	ENTR Promotions & Branding	
ENTR 511	Entre: Networking & Sales	
ENTR 540	Entrepreneurship Capstone	
GFED 670	Psychology of the Gifted	
GFED 674	Program for the Gifted	
GFED 675	Evaluating Instruct. Effectiveness: App for the Gifted	
GFED 676	Teaching Gifted Learners Instructional Strategies	
AENG 515	Adv Prob:	
AENG 525	Adv Prob:	
AENG 535	Adv Prob:	
AENG 586	Special Topics:	
AENG 587	Special Topics:	
AENG 588	Special Topics:	
AENG 589	Special Topics:	
MATH 622	21st Century Math	
SOWK 501	Principles and Philosophies of Social Work	
SOWK 505	Understanding Social Work Practices w Diverse Pops	
SOWK 510	Human Behavior in the Social Environment I	
SOWK 511	Human Behavior in the Social Environment II	
SOWK 515	Social Welfare Policy	
SOWK 619	Global Perspectives in SOWK	
SPED 600	Introduction to Exceptional Education	
SPED 601	Psyc of Stdnts w/ Disabilities	
SPED 651	Advocacy and Leadership in Special Education	
SPED 671	Behavior Management	

WSSD 551	Coaching of Sport	
WSSD 601	Organization and Administration of Sport Programs	
WSSD 602	Sport in American Culture	
WSSD 604	Event Management	
WSSD 610	Women in Sport	
WSSD 615	Campus Recreation Program	
WSSD 622	Sport Finance	
WSSD 686-689		
WSSD 691	Ind Stdy:	