

TECHNOLOGY AND INNOVATION, M.S., ENTERPRISE CONCENTRATION

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 Enterprise - See separate block		
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 Behav	
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 690	Integrte 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	Integrtrve 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:
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WSSD 551	Coaching of Sport
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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	
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EDLD 610	Theory and Organizatnl Behavr
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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	Integrtrve 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
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AENG 535	Adv Prob:
AENG 586	Special Topics:
AENG 587	Special Topics:
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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:

Concentration in Enterprise

Code	Title	Hours
Business Courses		6
MGMT 653	Operations Management	
MGMT 670	Strategy and Policy	
Analytics/Statistics Courses - Choose 1 of the following:		3-4
MATH 503	Probability and Stats for Tchr	
MATH 535	Statistical Methods 1	
MATH 610	Problem Solving Seminar	
Practicum Experience in Technology Innovation		
Students in the Enterprise Concentration must complete a Practicum Experience. Please consult your program coordinator for options.		
Culminating Experience in Technology Innovation		
Culminating Experiences include but are not limited to published articles, curriculum artifacts and professional presentations		
Total Hours		9-10