

Spring 2025 Course Offerings

Course	Number	CRN	Course Title	Day(s)	Time	Professor	Zucker	Main Campus	Notes
CPSC	6070	19469	Applied Computer Vision	T/R	5:00-6:15 pm	Siyu Huang	104	Watt 308	
CPSC	6110	17753	Virtual Reality Systems	T/R	2:00-3:15 pm	Andrew Robb	302	McAdams 112C	
CPSC	6140	19470	Human and Computer Interaction	T/R	3:30-4:45 pm	Sabarish Babu	203	McAdams 114	
CPSC	6170	19510	3D Game Programming: Algorithms and Techniques	T/R	5:00-6:15 pm	Matias Volonte	106	Watt 310	
CPSC	6190	17757	Physical Modeling and Animation	T/R	3:30-4:45 pm	Jerry Tessendorf	106	McAdams 107	
CPSC	6200	17094	Computer Security Principles	T/R	5:00-6:15 pm	Mert Pese	302	McAdams 114	
CPSC	6240	19513	System Administration and Security	T/R	11:00-12:15 pm	Svetlana Drachova	104	McAdams 114	
CPSC	6300	17096	Applied Data Science	T/R	8:00-9:15 am	Aaron Masino	203	ASC 118	
CPSC	6420	18502	Artificial Intelligence	M/W	2:30-3:45 pm	Abolfazl Razi	302	McAdams 114	
CPSC	6430	17759	Machine Learning: Implementation and Evaluation	T/R	12:30-1:45 pm	Kai Liu	102	McAdams 114	
CPSC	6440	19515	Cloud Computing Architecture	M/W	4:00-5:15 pm	Mitch Shue	302	McAdams 114	
CPSC	6620	19517	Database Management Systems	T/R	6:30-7:45 pm	Zijun Wang	302	McAdams 114	
CPSC	6720	18255	Software Development Methodology	T/R	2:00-3:15 pm	Julian Brinkley	106	Earle 100	
CPSC	6780	21407	General Purpose Computation on Graphical Processing Units	T/R	8:00-9:15 am	Shuangshuang Jin	104	McAdams 114	Cross-Listed with ECE
CPSC	6820	19523	ST: Cryptography	M/W	4:00-5:15 pm	Zhenkai Zhang	203	Poole A102	
CPSC	8030	17058	Scientific Visualization	T/R	9:30-10:45 am	Federico Iuricich	TBD	Watt 313	
CPSC	8190	17765	Physically Based Visual Effects	T/R	2:00-3:15 pm	Jerry Tessendorf	TBD	McAdams 107	
CPSC	8230	21411	Introduction to Quantum Computing	T/R	3:30-4:45 pm	Rong Ge	TBD	Watt 310	
CPSC	8400	21413	Design and Analysis of Algorithms	M/W	4:00-5:15 pm	Brian Dean	102	Watt 310	

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CPSC	8470	21415	Introduction to Information Retrieval	T/R	9:30-10:45 am	Feng Luo	TBD	Poole A102	
CPSC	8570	17059	Security in Advanced Networking Technologies	T/R	2:00-3:15 pm	Long Cheng	203	McAdams 114	
CPSC	8650	17843	Data Mining	T/R	5:00-6:15 pm	Zijun Wang	203	Earle 100	
CPSC	8740	21250	AI-Receptive Software Development	T/R	8:00-9:15 am	Paige Rodeghero	302	Earle 100	
CPSC	8810	17770	ST: Side Channel Issues in Cyber	M/W	2:30-3:45 pm	Zhenkai Zhang	203	Poole A102	
CPSC	8810	17799	ST: HPC For Power System	T/R	9:30-10:45 am	Shuangshuang Jin	104	McAdams 230	
CPSC	8810	19578	ST: Deep Learn for Compu Photo	T	5:00-7:45 pm	Nianyi Li	102	Watt 313	
CPSC	8830	16485	Malware Reverse Engineering	T/R	3:30-4:45 pm	Lu Yu	102	Riggs 226	Cross-Listed with ECE
CPSC	8860	15795	Distributed Denial of Service (DDoS) Attacks	M/W	5:30-6:45 pm	Richard Brooks	302	Riggs 226	Cross-Listed with ECE
CPSC	8880	14582	Directed Projects in Computer Science	N/A	N/A	Shuangshuang Jin	N/A	N/A	
CPSC	8880	14583	Directed Projects in Computer Science	N/A	N/A	Joseph Kider	N/A	N/A	
CPSC	8880	15507	Directed Projects in Computer Science	N/A	N/A	Feng Luo	N/A	N/A	
CPSC	8880	16459	Directed Projects in Computer Science	N/A	N/A	Eric K Patterson	N/A	N/A	
CPSC	8880	20624	Directed Projects in Computer Science	N/A	N/A	Paige Rodeghero	N/A	N/A	
CPSC	8880	20625	Directed Projects in Computer Science	N/A	N/A	Matias Volonte	N/A	N/A	
CPSC	8880	20627	Directed Projects in Computer Science	N/A	N/A	Andy Duan	N/A	N/A	
CPSC	8880	21684	Directed Projects in Computer Science	N/A	N/A	Christopher Flathmann	N/A	N/A	
CPSC	8880	21685	Directed Projects in Computer Science	N/A	N/A	Mert Pese	N/A	N/A	
CPSC	8910	14585	Master's Thesis Research	N/A	N/A	Shuangshuang Jin	N/A	N/A	
CPSC	8910	14586	Master's Thesis Research	N/A	N/A	Joseph Kider	N/A	N/A	
CPSC	8910	15508	Master's Thesis Research	N/A	N/A	Feng Luo	N/A	N/A	
CPSC	8910	20417	Master's Thesis Research	N/A	N/A	Eric Patterson	N/A	N/A	
CPSC	8910	20639	Master's Thesis Research	N/A	N/A	Paige Rodeghero	N/A	N/A	
CPSC	8910	20640	Master's Thesis Research	N/A	N/A	Matias Volonte	N/A	N/A	
CPSC	8910	20641	Master's Thesis Research	N/A	N/A	Andy Duan	N/A	N/A	
CPSC	8910	21687	Master's Thesis Research	N/A	N/A	Mert Pese	N/A	N/A	
CPSC	9500	21627	Visual Computing Seminar	M	12:20-1:10 pm	Matias Volonte	505	McAdams 110E	
CPSC	9910	14588	Doctoral Dissertation Research	N/A	N/A	Shuangshuang Jin	N/A	N/A	

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CPSC	9910	14589	Doctoral Dissertation Research	N/A	N/A	Joseph Kider	N/A	N/A	
CPSC	9910	15509	Doctoral Dissertation Research	N/A	N/A	Feng Luo	N/A	N/A	
CPSC	9910	17205	Doctoral Dissertation Research	N/A	N/A	Eric K Patterson	N/A	N/A	
CPSC	9910	20651	Doctoral Dissertation Research	N/A	N/A	Paige Rodeghero	N/A	N/A	
CPSC	9910	20652	Doctoral Dissertation Research	N/A	N/A	Matias Volonte	N/A	N/A	
CPSC	9910	20653	Doctoral Dissertation Research	N/A	N/A	Andy Duan	N/A	N/A	
CPSC	9910	21688	Doctoral Dissertation Research	N/A	N/A	Christopher Flathmann	N/A	N/A	
CPSC	9910	21689	Doctoral Dissertation Research	N/A	N/A	Mert Pese	N/A	N/A	
DPA	6010	14362	Technical Foundations of Digital Production II	T/R	9:30-10:45 am	Joseph Kider	106	McAdams 112 C	
DPA	6030	16635	Visual Foundations of Digital Production II	M/W	4:20-7:05 pm	Anthony Summey	502	McAdams 112 C	
DPA	6820	17110	ST: Adv Rigging	M/W/F	12:20-1:10 pm	Rodney Da Costa	106	McAdams 112 C	
DPA	6820	19529	ST: History of Animation	M/W/F	3:20-4:10 pm	Anthony Summey	502	McAdams 112 C	
DPA	6830	17366	ST: Digital Lighting	M/W/F	1:25-3:05 pm	Anthony Penna	502	McAdams 112C	
DPA	8080	19530	Artistic Character Animation	T/R	12:30-1:45 pm	David Donar	106	McAdams 112 C	
DPA	8090	17804	Rendering and Shading	M/W	4:00-5:15 pm	Daljit Dhillon	106	Daniel Expansion 354	
DPA	8150	15156	Special Effects Compositing	M/W/F	10:10-11:00 am	Rodney Da Costa	106	McAdams 112 C	
DPA	8600	17111	Digital Production Studio	T/R	10:00-12:45 pm	Eric K Patterson	Editing Suite	Barre 2022	
DPA	8800	14365	Graduate Research Studio	N/A	N/A	Rodney Da Costa	N/A	N/A	
DPA	8800	14366	Graduate Research Studio	N/A	N/A	David Donar	N/A	N/A	
DPA	8800	10465	Graduate Research Studio	N/A	N/A	Andy Duan	N/A	N/A	
DPA	8800	20708	Graduate Research Studio	N/A	N/A	Joseph Kider	N/A	N/A	
DPA	8800	18339	Graduate Research Studio	N/A	N/A	Eric Patterson	N/A	N/A	
DPA	8800	18341	Graduate Research Studio	N/A	N/A	Anthony Summey	N/A	N/A	

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DPA	8800	20709	Graduate Research Studio	N/A	N/A	Matias Volonte	N/A	N/A	
DPA	8800	21682	Graduate Research Studio	N/A	N/A	Jerry Tessendorf	N/A	N/A	
DPA	8810	20431	ST: 2D/3D Hybrid Animation	T/R	3:30-5:15 pm	Anthony Summey	502	N/A	
DPA	8910	14590	Master of Fine Arts Thesis Research	N/A	N/A	Rodney Da Costa	N/A	N/A	
DPA	8910	14591	Master of Fine Arts Thesis Research	N/A	N/A	David Donar	N/A	N/A	
DPA	8910	15042	Master of Fine Arts Thesis Research	N/A	N/A	Andy Duan	N/A	N/A	
DPA	8910	20716	Master of Fine Arts Thesis Research	N/A	N/A	Joseph Kider	N/A	N/A	
DPA	8910	18340	Master of Fine Arts Thesis Research	N/A	N/A	Eric Patterson	N/A	N/A	
DPA	8910	18545	Master of Fine Arts Thesis Research	N/A	N/A	Anthony Summey	N/A	N/A	
DPA	8910	20159	Master of Fine Arts Thesis Research	N/A	N/A	Matias Volonte	N/A	N/A	
DPA	8910	21683	Master of Fine Arts Thesis Research	N/A	N/A	Jerry Tessendorf	N/A	N/A	
ECE	3600	12485	Electric Power Engineering	T/R	3:30-04:45 pm	Ramtin Hadidi	TBD	Earle 100	Undergrad
ECE	6160	14707	Smart Grid	T/R	9:30-10:45 am	Kumar Venayagamoorthy	203	Riggs 226	
ECE	6190	19691	Electric Machines and Drives	T/R	9:30-10:45 am	Christopher Edrington	102	Riggs 223	
ECE	6710	16508	Electrification of Transportation	T/R	2:00-03:15 pm	Rajendra Singh	104	Riggs 226	
ECE	6780	21672	General Purpose Computation on Graphical Processing Units	T/R	8:00-09:15 am	Shuangshuang Jin	104	McAdams 114	Cross- Listed with CPSC
ECE	7010	18650	Master of Engineering Design Project	N/A	N/A	Johan Enslin	N/A	N/A	ONLINE
ECE	8400	17487	Physics of Semiconductor Devices	T/R	11:00-12:15 pm	William Harrell	102	Riggs 223	
ECE	8550	17050	Artificial Intelligence	M/W	3:35-04:50 pm	Yongkai Wu	104	Riggs 226	
ECE	8560	17927	Pattern Recognition	M/W	2:15-03:30 pm	Xiaolong Ma	104	Riggs 223	
ECE	8740	20301	Advanced Nonlinear Control	T/R	8:00-09:15 am	Yongqiang Wang	102	Riggs 223	
ECE	8830	16360	Malware Reverse Engineering	T/R	3:30-04:45 pm	Lu Yu	102	Riggs 226	Cross-Listed with CPSC
ECE	8860	15628	Distributed Denial of Service (DDoS) Attacks	M/W	5:30-06:45 pm	Richard Brooks	302	Riggs 226	Cross- Listed with CPSC
ECE	8910	15296	Master's Thesis Research	N/A	N/A	Johan Enslin	N/A	N/A	
ECE	8910	14942	Master's Thesis Research	N/A	N/A	Ramtin Hadidi	N/A	N/A	
ECE	9910	15295	Doctoral Dissertation Research	N/A	N/A	Johan Enslin	N/A	N/A	
ECE	9910	20295	Doctoral Dissertation Research	N/A	N/A	Christopher Edrington	N/A	N/A	
ECE	9910	16811	Doctoral Dissertation Research	N/A	N/A	Rajendra Singh	N/A	N/A	

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ECE	9910	16347	Doctoral Dissertation Research	N/A	N/A	Ramtin Hadidi	N/A	N/A	
HCC	6400	19532	Measurement and Evaluation of Human-Centered Computing Systems	M/W	2:30-3:45 pm	Bart Knijnenburg	102	McAdams 107	
HCC	6510	21420	Inclusive Design and Accessible Technology	T/R	11:00-12:15 pm	Emma Dixon	302	McAdams 107	
HCC	6520	21423	Tangible, Embedded, and Embodied Interaction	T/R	9:30-10:45 am	Brygg Ullmer	302	Watt 316	
HCC	6600	21427	Human-Centered Artificial Intelligence	T/R	2:00-3:15 pm	Carlos Hernandez	102	Poole A102	
HCC	8500	19534	The Science of Teamwork and Technology	T/R	12:30-1:45 pm	Nathan McNeese	203	McAdams 107	
HCC	8880	21678	Directed Projects in Human-Centered Computing	N/A	N/A	Christopher Flathmann	N/A	N/A	
HCC	8880	21679	Directed Projects in Human-Centered Computing	N/A	N/A	Matias Volonte	N/A	N/A	
HCC	9910	21680	Doctoral Dissertation Research	N/A	N/A	Christopher Flathmann	N/A	N/A	
HCC	9910	21681	Doctoral Dissertation Research	N/A	N/A	Matias Volonte	N/A	N/A	
ME	6410	19597	Smart Material Systems	M/W/F	12:20-1:10 pm	Oliver Myers	203	Dillard 200	
ME	8180	17333	Introduction to Finite Element Analysis	M/W/F	1:25-2:15 pm	Gang Li	302	Riggs 227	
ME	8200	15840	Modern Control Engineering	T/R	3:30-4:45 pm	Ge Lv	302	Riggs 300	
ME	9910	19956	Doctoral Dissertation Research	N/A	N/A	Sez Russcher	N/A	N/A	
ME	9910	18390	Doctoral Dissertation Research	N/A	N/A	Garrett Pataky	N/A	N/A	
ME	9910	18489	Doctoral Dissertation Research	N/A	N/A	Gregory Mocko	N/A	N/A	
ME	9910	18628	Doctoral Dissertation Research	N/A	N/A	Chenning Tong	N/A	N/A	
SYSE	8020	21613	Systems Engineering II	N/A	N/A	TBD	N/A	N/A	ONLINE