

The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Wednesday, January 24, 2024**. All option classes on MIAX Emerald have an allocation style of Pro-Rata and billing style of Maker-Taker.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
ANVS	ANNOVIS BIO INC	ANVS	No	NYSE	4:00	Susquehanna Securities	1
BRDG	BRIDGE INVESTMENT GROUP HOLDINGS, INC.	BRDG	No	NYSE	4:00	Citadel Securities, LLC	2
CGBD	Carlyle Secured Lending, Inc.	CGBD	No	NASDAQ	4:00	Citadel Securities, LLC	2
CHMI	CHERRY HILL MORTGAGE INVESTMENT CORP.	CHMI	No	NYSE	4:00	Citadel Securities, LLC	2
CIGI	COLLIERS INTERNATIONAL GROUP INC.	CIGI	No	NASDAQ	4:00	Susquehanna Securities	2
CMTG	CLAROS MORTGAGE TRUST, INC.	CMTG	No	NYSE	4:00	Wolverine Trading, LLC	2
CONY	YIELDMAX COIN OPTION INCOME STRATEGY ETF	CONY	No	NYSE ARCA	4:00	IMC Financial Markets	2
CYTK	Cytokinetics Inc	CYTK	No	NASDAQ	4:00	Susquehanna Securities	2
DAPP	VanEck Digital Transformation ETF	DAPP	No	NASDAQ	4:00	Wolverine Trading, LLC	3
DSKE	Daseke Inc	DSKE	No	NASDAQ	4:00	Susquehanna Securities	3
EWTX	EDGEWISE THERAPEUTICS, INC.	EWTX	No	NASDAQ	4:00	Susquehanna Securities	3
FCFS	FirstCash Holdings, Inc.	FCFS	No	NASDAQ	4:00	Wolverine Trading, LLC	3
FLEX	Flex Ltd.	FLEX	No	NASDAQ	4:00	Citadel Securities, LLC	3

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FUSN	FUSION PHARMACEUTICALS INC	FUSN	No	NASDAQ	4:00	Morgan Stanley	3
FWONK	Liberty Media Corp Series C Liberty Formula One	FWONK	No	NASDAQ	4:00	Citadel Securities, LLC	3
GCT	GIGACLOUD TECHNOLOGY, INC. CLASS A	GCT	No	NASDAQ	4:00	Wolverine Trading, LLC	4
GRCL	GRACELL BIOTECHNOLOGIES INC. ADR CLASS A	GRCL	No	NASDAQ	4:00	Susquehanna Securities	4
IE	IVANHOE ELECTRIC INC.	IE	No	AMEX	4:00	Wolverine Trading, LLC	5
IMCR	IMMUNOCORE HOLDINGS PLC	IMCR	No	NASDAQ	4:00	Susquehanna Securities	5
KNF	KNIFE RIVER CORP	KNF	No	NYSE	4:00	Wolverine Trading, LLC	5
KROS	KEROS THERAPEUTICS, INC.	KROS	No	NASDAQ	4:00	Susquehanna Securities	5
LIFW	MSP RECOVERY, INC.	LIFW	No	NASDAQ	4:00	Wolverine Trading, LLC	5
MAMA	MAMAS CREATIONS, INC.	MAMA	No	NASDAQ	4:00	Susquehanna Securities	6
OABI	OMNIAB, INC.	OABI	No	NASDAQ	4:00	Susquehanna Securities	7
OMGA	OMEGA THERAPEUTICS, INC.	OMGA	No	NASDAQ	4:00	Citadel Securities, LLC	7
PFLT	Pennantpark Floating Rate Capital Ltd	PFLT	No	NYSE	4:00	Wolverine Trading, LLC	7
POWL	POWELL INDUSTRIES, INC.	POWL	No	NASDAQ	4:00	Citadel Securities, LLC	7

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PTN	PALATIN TECHNOLOGIES, INC.	PTN	No	AMEX	4:00	Citadel Securities, LLC	7
QQQY	DEFIANCE NASDAQ 100 ENHANCED OPTIONS INCOME ETF	QQQY	No	NASDAQ	4:00	Citadel Securities, LLC	7
SDRL	SEADRILL LIMITED	SDRL	No	NYSE	4:00	Citadel Securities, LLC	8
SHOT	SAFETY SHOT, INC.	SHOT	No	NASDAQ	4:00	Citadel Securities, LLC	8
SLNO	SOLENO THERAPEUTICS INC	SLNO	No	NASDAQ	4:00	Citadel Securities, LLC	8
SN	SHARKNINJA INC	SN	No	NYSE	4:00	IMC Financial Markets	8
STTK	SHATTUCK LABS, INC.	STTK	No	NASDAQ	4:00	Citadel Securities, LLC	8
SVOL	SIMPLITY ETF VOL PREM	SVOL	No	NYSE ARCA	4:00	Citadel Securities, LLC	8
TCPC	BlackRock TCP Capital Corp.	TCPC	No	NASDAQ	4:00	Citadel Securities, LLC	8
TSLZ	ETF OPPORTUNITIES TRUSTT-REX 2X INVERSE	TSLZ	No	NASDAQ	4:00	IMC Financial Markets	8
WGMI	VALKYRIE BITCOIN MINERS ETF	WGMI	No	NASDAQ	4:00	Wolverine Trading, LLC	10
X	UNITED STATES STEEL	X	No	NYSE	4:00	Susquehanna Securities	10

Please contact MIAX Options Listings with any questions.

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