

The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Thursday, March 3, 2022**. 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
ACHV	ACHIEVE LIFE SCIENCES, INC.	ACHV	No	NASDAQ	4:00	Susquehanna Securities	1
AMRK	A-MARK PRECIOUS METALS, INC.	AMRK	No	NASDAQ	4:00	Susquehanna Securities	1
AMYT	AMRYT PHARMA PLC	AMYT	No	NASDAQ	4:00	Citadel Securities, LLC	1
APP	APPLOVIN CORP	APP	No	NASDAQ	4:00	Wolverine Trading, LLC	1
APR	APRIA INC	APR	No	NASDAQ	4:00	Susquehanna Securities	1
ATAI	ATAI LIFE SCIENCES N.V.	ATAI	No	NASDAQ	4:00	Citadel Securities, LLC	1
BCAB	BIOATLA, INC.	BCAB	No	NASDAQ	4:00	Citadel Securities, LLC	2
BIRD	ALLBIRDS, INC. CLASS A	BIRD	No	NASDAQ	4:00	Morgan Stanley	2
BOXD	BOXED INC COM	BOXD	No	NYSE	4:00	Susquehanna Securities	2
BRKL	Brookline Bancorp, Inc.	BRKL	No	NASDAQ	4:00	Citadel Securities, LLC	2
BRLT	BRILLIANT EARTH GROUP, INC.	BRLT	No	NASDAQ	4:00	Susquehanna Securities	2
DCGO	DOCGO INC COM	DCGO	No	NASDAQ	4:00	Wolverine Trading, LLC	3
EXTN	Exterran Corporation Common Stock	EXTN	No	NYSE	4:00	Susquehanna Securities	3
FALN	ISHARES FALLEN ANGELS USD BOND ETF	FALN	No	NASDAQ	4:00	Wolverine Trading, LLC	3
FARO	FARO TECHNOLOGIES	FARO	No	NASDAQ	4:00	Citadel Securities, LLC	3
FLMN	FALCON MINERALS CORPORATION	FLMN	No	NASDAQ	4:00	Wolverine Trading, LLC	3
FRG	FRANCHISE GROUP, INC.	FRG	No	NASDAQ	4:00	Citadel Securities, LLC	3
ICLR	ICON plc	ICLR	No	NASDAQ	4:00	Morgan Stanley	5
JOAN	JOANN, INC.	JOAN	No	NASDAQ	4:00	Citadel Securities, LLC	5
LRMR	LARIMAR THERAPEUTICS, INC.	LRMR	No	NASDAQ	4:00	Susquehanna Securities	5
NAUT	Nautilus Biotechnology, Inc.	NAUT	No	NASDAQ	4:00	Susquehanna Securities	6
NKTX	NKARTA INC	NKTX	No	NASDAQ	4:00	Susquehanna Securities	6
OLPX	OLAPLEX HOLDINGS INC	OLPX	No	NASDAQ	4:00	Susquehanna Securities	7

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					Time		
PECO	PHILLIPSEDISON & COMPANY, INC.	PECO	No	NASDAQ	4:00	Wolverine Trading, LLC	7
PL	Planet Labs PBC	PL	No	NYSE	4:00	Citadel Securities, LLC	7
PRLD	PRELUDE THERAPEUTICS, INC.	PRLD	No	NASDAQ	4:00	Susquehanna Securities	7
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	QQQE	No	NYSE Arca	4:00	Citadel Securities, LLC	7
REXR	Rexford Industrial Realty, Inc.	REXR	No	NYSE	4:00	Susquehanna Securities	7
RXDX	PROMETHEUS BIOSCIENCES	RXDX	No	NASDAQ	4:00	Citadel Securities, LLC	7
SAIA	Saia, Inc.	SAIA	No	NASDAQ	4:00	Citadel Securities, LLC	8
SBEV	SPLASH BEVERAGE GROUP, INC.	SBEV	No	AMEX	4:00	Susquehanna Securities	8
SHPW	SHAPEWAYS HOLDINGS, INC.	SHPW	No	NYSE	4:00	Citadel Securities, LLC	8
SMRT	SmartRent, Inc.	SMRT	No	NYSE	4:00	Susquehanna Securities	8
SRRK	SCHOLAR ROCK HOLDING CORP.	SRRK	No	NASDAQ	4:00	Citadel Securities, LLC	8
SSD	Simpson Manufacturing Co., Inc.	SSD	No	NYSE	4:00	Citadel Securities, LLC	8
SWTX	SPRINGWORKS THERAPEUTICS INC	SWTX	No	NASDAQ	4:00	Susquehanna Securities	8
TCN	TRICON RESIDENTIAL INC	TCN	No	NYSE	4:00	Susquehanna Securities	8
UDMY	UDEMY, INC.	UDMY	No	NASDAQ	4:00	Wolverine Trading, LLC	9
UONE	URBAN ONE INC	UONE	No	NASDAQ	4:00	Citadel Securities, LLC	9
VIRX	Viracta Therapeutics, Inc.	VIRX	No	NASDAQ	4:00	Citadel Securities, LLC	9
VORB	Virgin Orbit Holdings, Inc.	VORB	No	NASDAQ	4:00	Wolverine Trading, LLC	9
WRBY	WARBY PARKER, INC. CLASS A	WRBY	No	NYSE	4:00	Wolverine Trading, LLC	10
XSD	SPDR S&P Semiconductor ETF	XSD	No	NYSE Arca	4:00	Susquehanna Securities	10

Please contact MIAX Options Listings with any questions.

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