

## WFIRST IMAGING CAPABILITIES

	Telescope Aperture (2.4 meter)		Field of View (45'x23'; 0.28 sq deg)		Pixel Scale (0.11 arcsec)		Wavelength Range (0.5-2.0 $\mu\text{m}$ )	
Filters	R062	Z087	Y106	J129	H158	F184	W146	
Wavelength ( $\mu\text{m}$ )	0.48-0.76	0.76-0.98	0.93-1.19	1.13-1.45	1.38-1.77	1.68-2.00	0.93-2.00	
Sensitivity ( $5\sigma$ AB mag in 1 hr)	28.50	28.02	27.95	27.87	27.81	27.32	28.33	

## WFIRST SPECTROSCOPIC CAPABILITIES

	Field of View (sq deg)	Wavelength ( $\mu\text{m}$ )	Resolution	Sensitivity ( $10\sigma$ AB mag in 1000s)
Grism	0.28 sq deg	1.00-1.89	435-865	20.4 at 1.5 $\mu\text{m}$
Integral Field Channel	3.00 x 3.15 arcsec	0.42-2	80-120	24.2 at 1.5 $\mu\text{m}$

## WFIRST CORONAGRAPHIC CAPABILITIES

	Wavelength ( $\mu\text{m}$ )	Inner Working Angle (arcsec)	Outer Working Angle (arcsec)	Detection	Spectral Resolution
Imaging & Spectroscopy	0.4-1	0.15 (exoplanets) 0.9 (disks)	0.9 (exoplanets) 3.0 (disks)	$10^{-9}$ contrast (after post-post processing)	$\sim 50$