

**RUTGERS CAMDEN/NEWARK COURSE EQUIVALENCIES – STEM courses**

<b>RUTGERS CAMDEN</b>			<b>RUTGERS SOE</b>		
Course #	Title	Credits	Course#	Title	Credits
33:160:115	Chemistry Principles	3	01:160:159	Gen. Chem. For Engrs 1	3
33:160:116	Chemistry Principles 2	3	01:160:160	Gen. Chem. For Engrs 1	3
33:160:125	Chem Principles Lab	1	01:160:171	Intro to Experiment.	1
33:750:140	Intro Comp Sci	3	14:440:127	Intro Comp for Engrs	3
33:640:121	Unified Calc 1	4	01:640:151	Calculus 1 for Math/Phys	4
33:640:122	Unified Calc 2	4	01:640:152	Calculus for Math/Phys	4
33:640:221	Unified Calc 3	4	01:640:251	Multivar. Calc	4
33:750:131	Elem of Phys.	3	01:750:123	Anal..Phys Ia	2
33:750:133	Elem of Phys Lab	1	01:750:124	Anal.Phys Ib	2
33:750:132	Elem of Phys 2	3	01:750:227	Anal Phys IIa	3
33:750:134	Elem of Phys2 lab	1	01:750:229	Anal Phys IIa lab	1

<b>RUTGERS NEWARK</b>			<b>RUTGERS SOE</b>		
Course #	Title	Credits	Course#	Title	Credits
21:160:115	Gen. Chem 1 Lecture	3	01:160:159	Gen. Chem. For Engrs 1	3
21:160:116	Gen. Chem 2 Lecture	3	01:160:160	Gen. Chem. For Engrs 1	3
21:160:113	Chem Lab 1	1	01:160:171	Intro to Experiment.	1
21:160:335	Org. Chem. 1	4	01:160:307	Org. Chem. 1	4
21:160:336	Org. Chem. 2	4	01:160:308	Org. Chem 1	4
21:160:331	Org. Chem. Lab	2	01:160:311	Org.Chem.Lab	2
21:640:135	Calculus 1	4	01:640:151	Calculus 1 for Math/Phys	4
21:640:136	Calculus 2	4	01:640:152	Calculus for Math/Phys	4
21:640:235	Calculus 3	4	01:640:251	Multivar. Calc	4
21:640:350	Linear Algebra	3	01:640:250	Linear Algebra	3
21:750:213	Univ. Phys. I	4	01:750:123	Anal..Phys Ia	2
21:750:205	Phys Lab I	1	01:750:124	Anal.Phys Ib	2
21:750:214	Univ. Phys. II	4	01:750:227	Anal Phys IIa	3
21:750:206	Phys Lab II	1	01:750:229	Anal Phys IIa lab	1