

**GLOBAL IMMERSION PROGRAMME
RENSELAER POLYTECHNIC INSTITUTE
COURSE REGISTRATION**

S/N	RPI		NTU		
	RPI Code	RPI Course Title	NTU Code	Corresponding NTU Course	Type
1	ARTS 1200	Basic Drawing	HSS		PE
2	ARTS 1200	Basic Drawing	ELECTIVE	Unrestricted Elective	UE
3	ARTS 1200	Basic Drawing	ELECTIVE	Unrestricted Elective	UE
4	ARTS 1400	Music Fundamentals	ELECTIVE	Unrestricted Elective	UE
5	ARTS 2210	Sculpture I	ELECTIVE	Unrestricted Elective	UE
6	ARTS 4080	Art, Community, and Technology	COM 231	Creative Strategies	PE
7	ARTS 4130	New Media Theory	ADM 235	Survey Of New Media	PE
8	ARTS 4961	Advanced Video 3: TV Production	FIL 360	Digital Film Production	CORE
9	ARTS 4964	Advanced Computer Music	INT 370	Soundscape Design	PE
10	ASTR 1510	Quasars and Cosmology	EE 8086	Astronomy- Stars, Galaxies And Cosmology	PE
11	ASTR 1530	Tour of the Solar System	EE 8086	Astronomy- Stars, Galaxies And Cosmology	UE
12	ASTR 1530	Tour of the Solar System	EE 8086	Astronomy- Stars, Galaxies And Cosmology	PE
13	BIOL 2310	Microbiology	BS 202	Microbiology	UE
14	BIOL 2900	Research In Biology	BS 600	Literature Review & Research Proposal	CORE
15	BIOL 2900	Research In Biology	BS 901	Research Exercise	CORE
16	BIOL 4100	From Neuron to Behavior	BS 208	Virology	CORE
17	BIOL 4400	Bioterrorism	BS 307	Computational Biology & Modelling	PE
18	BIOL 4540	Bioinformatics I	BG 3006	Advanced Biocomputational Methods	CORE
19	BIOL 4550	Bioinformatics II	BS 210	Bioinformatics	CORE
20	BIOL 4770	Molecular Biochemistry II	BS 209	Advanced Biochemistry	CORE
21	BIOL 4961	Micobial Ecology	BS 303	Principles & Methods Of Structural Biology	PE
22	BMED 4410	Biomems	MP 4004	Advanced Manufacturing & Nanotechnology	CORE
23	CHEM 2240	Organic Chemistry Lab II	CBC 315	Chemistry & Biological Chemistry	CORE
24	CHEM 2240	Organic Chemistry Lab II	CBC 315	Lab 3	CORE
25	CHEM 2260	Organic Chemistry II	CBC 313	Organic Reaction Mechanisms & Synthesis	CORE
26	CHEM 4110	Instrumental Methods Of Analysis	CBC 421	Advanced Analytical & Bioanalytical Techniques	CORE
27	CHEM 4110	Instrumental Methods of Analysis	CBC 211	Ana & Bioanalytical Chem	CORE
28	CHEM 4110	Instrumental Methods of Analysis	CBC 421	Advanced Analytical & Bioanalytical Techniques	PE
29	CHEM 4120	Experimental Chemistry IV: Physical and Instrumental Methods	CBC 315	Chemistry & Biological Chemistry	CORE
30	CHEM 4120	Experimental Chemistry IV: Physical and Instrumental Methods	CBC 315	Lab 3	CORE
31	CHEM 4120	Experimental Chemistry IV: Physical and Instrumental Methods	CBC 216	Chem & Biolog Chem Lab 2	CORE
32	CHEM 4120	Experimental Chemistry IV: Physical and Instrumental Methods	CBC 315	Chem & Biolog Chem Lab 3	CORE
33	CHEM 4330	Drug Discovery	BG 4240	Special Topics in Bioengineering	PE
34	CHEM 4470	Theoretical Chemistry	CBC 425	Quantum Chemistry & Statistical Thermodynamics	CORE
35	CHEM 4470	Theoretical Chemistry	CBC 425	Quantum Chemistry & Statistical Thermodynamics	PE
36	CHEM 4770	Molecular Biochemistry II	CBC 428	Adv Bioorganic Chemistry	PE
37	CHME 4020	Transport Phenomena II	CH 2004	Heat & Mass Transfer	CORE
38	CHME 4030	Chemical Process Dynamics & Control	CH 3001	Chemical & Biomedical Process Control	CORE

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39	CIVL 2670	Introduction to structural engineering	CV 2102	Structures 1	CORE
40	CIVL 4961	Groundwater Hydrology	EN 3505	Geoenvironmental Engineering	CORE
41	COMM 1510	Introduction to Communication Theory	CS 100	Fundamentals Of Comm Stud	UE
42	COMM 1510	Introduction to Communication Theory	CS 100	Fundamentals Of Comm Stud	PE
43	COMM 4560	Media and Popular Culture	CS 117	Soc Tren & Popular Culture	PE
44	CSCI 2220	Programming In Java			UE
45	CSCI 2230	Programming In Perl			UE
46	CSCI 4380	Database Systems	CPE 303	Database Systems	CORE
47	CSCI 4650	Networking Laboratory I	CPE 302	Computer Networks	CORE
48	DSES 4140	Statistical Analysis	MAS 316	Regression Analysis	CORE
49	DSES 4140	Statistical Analysis	MAS 451	Time Series Analysis	PE
50	DSES 4290	Discrete Event Sim, Modeling	MAS 328	Stochastic Processes	CORE
51	DSES 4770	Mathematical Models of Operations	MAS 445	Deterministic Methods in OR	PE
52	ECON 1200	Introductory Economics			UE
53	ECON 1200	Introductory Economics	HE191	Principles Of Economics	PE
54	ECON 4160	Public Finance	HE 208	Public Finance	PE
55	ECSE 2050	Introduction To Electronics	EE 2002	Analog Electronics	
56	ECSE 2210	Microelectronics Technology	EE 2003	Semiconductor Fundamentals	
57	ECSE 2410	Signals and Systems	EE 2010	Signals & System	
58	ECSE 2410	Signals and Systems	BG 3003	Signal Processing in Biosystems	CORE
59	ECSE 4480	Robotics I	MP 4006	Robotics	CORE
60	ECSE 4520	Communication Systems	CPE 301	Digital Communications	CORE
61	ECSE 4520	Communication Systems	EE 3012	Communication Principles	CORE
62	ECSE 4670	Computer Communication Networks	EE 3017	Computer Communications	CORE
63	ENGR 1010	Professional Development I	HW 111	Mastering Communication	CORE
64	ENGR 1200	Engineering Graphics & Cad	AE 2011	Intro To Aircraft Design And Manufacturing	CORE
65	ENGR 1200	Engineering Graphics & Cad	AE 2079	EID	CORE
66	ENGR 1200	Engineering Graphics & Cad	(AE 2011) MP 2072	(Introduction To Aircraft Design And Manufacturing), EID	CORE, CORE
67	ENGR 1600	Material Science For Engineers	MP 2304	Manuf Tech & Materials	CORE
68	ENGR 1962	Engineering Communication, Visualization, and Documentation			UE
69	ENGR 1962	Engineering Communication, Visualization, and Documentation	(AE 2011) MP 2072	(Introduction To Aircraft Design And Manufacturing), EID	CORE, CORE
70	ENGR 2050	Introduction To Engineering Design	EE 2079	Design & Innovation Project	
71	ENGR 2250	Thermal & Fluids Engineering I	AE 2006	Thermodynamics	CORE
72	ENGR 2530	Strength Of Materials	CV 2101	Mechanics Of Materials	CORE
73	ENGR 2710	General Manufacturing Processes	AE 2011	Introduction To Aircraft Design And Manufacturing	CORE
74	ENGR 4010	Professional Development III	CH 4902	Human Resource Management	CORE
75	ENGR 4010	Professional Development III			UE
76	ENGR 4010	Professional Development III	CV 4202	HRM	CORE
77	ENGR 4010	Professional Development III	EE 4041	Human Resource Management	CORE

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78	ENGR 4300	Electronic Instrumentation	AE 3004	Aircraft Electrical Device & Systems	CORE
79	ENGR 4300	Electronic Instrumentation	AE 3071	Laboratory	CORE
80	ENVE 4310	Applied Hydrology and Hydraulics	EN 3601	Hydraulics	CORE
81	ENVE 4310	Applied Hydrology and Hydraulics	CV 4652	Applied hydrology	CORE
82	ENVE 4330	Introduction to Air Quality Control	EN 4554	Air pollution control engineering	CORE
83	ENVE 4330	Introduction to Air Quality Control	EM 104	Air Quality Management	UE
84	ERTH 1100	Geology I: Earth's Interior			UE
85	IHSS 1970	Design History & Society	ADM 240	Sur Of Mod Art,1900-1945	PE
86	LITR 2110	Introduction To Literature			UE
87	LITR 2360	The Novel	HL 317	The Rise Of The Novel	PE
88	LITR 2450	Utopian Literature	HL 218	Fantasy Fictions	PE
89	LITR 2770	Women Writers	HL 324	Contemporary Women's Writ	PE
90	LITR 4410	Film Theory	HL 301	Reading Films:Film Theory	PE
91	MANE 4010	Thermal and Fluids Engineering II	MP 3003	Heat Transfer	CORE
92	MANE 4030	Elements of Mechanical Design	MP 2011	Eng Graphics & Mach Compo	CORE
93	MANE 4030	Elements of Mechanical Design	MP 3011	Engineering Design	CORE
94	MANE 4040	Mechanical Systems Laboratory	MP 3072	Laboratory 4	CORE
95	MANE 4040	Mechanical Systems Laboratory	MP 2072	Laboratory 2B	CORE
96	MANE 4040	Mechanical Systems Laboratory	MP 3071	Laboratory 3	CORE
97	MANE 4050	Modeling & Control of Dynamic Systems	MP 3001	Dynamics & Control	CORE
98	MANE 4070	Aerodynamics I	AE 2003	Aerodynamics I	CORE
99	MANE 4070	Aerodynamics I	AE 2008	Mechanics of Materials	CORE
100	MANE 4080	Propulsion Systems	AE 3006	Aircraft Propulsion	CORE
101	MANE 4090	Flight Mechanics	AE 3002	Flight Mechanics	CORE
102	MANE 4100	Spaceflight Mechanics	AE 4101	Spaceflight Dynamics	CORE
103	MANE 4420	Radiation Technology	BG 4226	Nuclear and Radiation Medical Engineering	PE
104	MANE 4490 (ECSE 4090)	Mechatronics	MP 3007	Real-time Software for Mechatronics Systems	CORE
105	MANE 4610	Vibrations	AE 3001	Aircraft Structures I	CORE
106	MANE 4610	Vibrations	MP 3002	Mechanics of Deformable soild	CORE
107	MANE 4962	Bio-Fluid Mechanics	MP 4005	FLUID DYNAMICS	CORE
108	MANE 6964	Fluid Mechanics	AE 3005	Aerodynamics II	CORE
109	MATH 4300	Introduction To Complex Variables	AE 2007	Mathematics 4	CORE
110	MGMT 1100	Introduction to Management	HW 210	Technical Communication	CORE
111	MGMT 1100	Introduction to Management	MB 106	Fundamentals Of Management	PE
112	MGMT 1240	Management Leadership I	HW 310	Professional Communication	CORE
113	MGMT 1240	Management Leadership I	HW 310	Professional Communication	PE
114	MGMT 1250	Management Leadership II	CPE 812	Develop Team Leadership	UE
115	MGMT 1250	Management Leadership II	ELECTIVE		UE
116	MGMT 2100	Statistical Methods	MAS 454	Sampling & Survey	CORE
117	MGMT 4320	Investments I	BF 215	Investments	CORE
118	MGMT 4340	Advanced Corporate Finance	BF 322	Advanced Corporate Finance	CORE

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119	MGMT 4360	International Financial Management	BF 218	International Financial Management	CORE
120	MGMT 4360	International Financial Management	HE 403	Advanced International Finance	PE
121	MGMT 4430	Marketing Principles	MB103	Principles Of Marketing	UE
122	MGMT 4470	Marketing Research	AB 213	Research Methods	CORE
123	MGMT 4470/6550	Marketing Research	AB 213	Research Methods	CORE
124	MGMT 4860	Human Resources in High Performance Organizations	EE 4041	Human Resource Management	CORE
125	MGMT 4860	Human Resources in High Performance Organizations	AE 4008	Human Resource Management	CORE
126	MGMT 4860	Human Resources in High Performance Organizations	HP 805	Introduction To Human Resource Management	PE
127	MGMT 4860	Human Resources in High Performance Organizations			UE
128	MGMT 4860	Human Resources in High Performance Organizations	MP 4008	Human Resource Management	CORE
129	MGMT 4860	Human Resources in High Performance Organizations	ELECTIVE		UE
130	MGMT 4860	Human Resources in High Performance Organizations	MP 4008	Human Resource Management	CORE
131	MGMT 4870	Strategy And Policy	AB 311	Strategic Management	CORE
132	MGMT 4961	Hedge Fund	BS 312	Protein Folding & Biomolecular Nmr	PE
133	MGMT 4962	Advanced Trading	BS 313	Funtional Genomics & Proteomics	PE
134	MGMT 6020	Financial Management I	AB 102	Financial Management	CORE
135	MGMT 6030	Financial Management II	BF 322	Adv Corporate Finance	PE
136	MTLE 4250	Properties Of Engineering Materials II	AE 2009	Aerospace Materials	CORE
137	MTLE 4250	Properties Of Engineering Materials II	AE 2072	Lab 2B	CORE
138	PHIL 1110	Introduction to Philosophy	ELECTIVE		UE
139	PSYC 1200	General Psychology			UE
141	PSYC 1200	General Psychology	HP 101	Introduction To Psychology	UE
142	PSYC 1200	General Psychology	PS 101	Introduction To Psychology	UE
143	PSYC 1200	General Psychology	ELECTIVE		UE
144	PSYC 2600	Moral Development	HP 314A	Top In App Psy Sci	PE
145	PSYC 2600	Moral Development	HP 314K	Sel Top In App Psy Sci	PE
146	PSYC 4450	Learning	HP320	Learning & Behavioral Ana	PE
147	PSYC 4500	Drugs, Society, and Behavior	HP314A	Top In App Psy Sci	PE
148	STSH 1110	Science, Technology and Society	CH 4901	Engineers & Society	CORE
149	STSH 1110	Science, Technology and Society	BG 4901	Engineers & Society	PE
150	STSH 1110 (STSS 1110)	Science, Technology & Society	MP 4007	Engineers & Society	CORE
151	STSH 1110 or STSS 1110	Science, Technology, and Society	CPE 183	Engineers & Society	GE
152	WRIT 1110	Writing For Classroom & Career	HW 210	Technical Communication	CORE
153			AE 2072	Lab 2B	CORE
154		(AE2072 matched under lab component of MTLE 4250	AE 2072	Lab 2B	CORE