

Course 22 Flexible Degree Mainstream Sample Schedule

		<i>Fall</i>			<i>Spring</i>				
		<i>Subject #</i>	<i>Title</i>	<i>Units</i>	<i>GIR</i>	<i>Subject #</i>	<i>Title</i>	<i>Units</i>	<i>GIR</i>
First Year			Physics I	12	Physics		Physics II	12	Physics
			Calculus I	12	Calc		Calculus II	12	Calc
			Chem or Bio	12	Chem/Bio		unrestricted elective	12	
			HASS CI-H	12	HASS CI-H		HASS	12	HASS
				48				48	
Sophomore	18.03		Differential Equations	12	REST		22.06 or 22.061	Fission or Fusion	12
	Year		Chem or Bio	12	Chem/Bio		2.005	Thermal Fluids	12
		22.01	Intro to Nuclear	12	REST		math	math restricted elective	12
		22.03	Design Thinking	6			HASS	HASS CI-H	12
		HASS	HASS	12	HASS				
				54				48	
Junior	22.09		Radiation Measurement & Protection	12	LAB, CI-M		Focus Area	Flexible degree subject within the area of focus	12
	Year	computing	computation restricted elective	12			Focus Area	Flexible degree subject within the area of focus	12
		Focus Area	Flexible degree subject within the area of focus	12			elective	unrestricted elective	12
		HASS	HASS	12	HASS		22.04 (HASS)	Social Problems of Nuclear Energy	12
				48				48	
Senior	Focus Area		Flexible degree subject within the area of focus	12			Focus Area	Flexible degree subject within the area of focus	12
	Year	Focus Area	Flexible degree subject within the area of focus	12			elective	unrestricted elective	12
		22.033*	Nuclear Systems Design Project	15			elective	unrestricted elective	12
		HASS	HASS	12	HASS		HASS	HASS	12
				51				48	

Notes: Math and computation electives can be swapped, or shifted earlier if 18.03 is taken in the First Year. NSE Restricted Electives - related graduate subjects can be petitioned. Calc I & II, Physics I & II, Chem & Bio should be completed by the end of Sophomore year.

* Students can choose between 22.033 in Fall, or 22.ThT Thesis Preparation (3 units) in Fall + 12 units of 22.ThU (Undergraduate Thesis) at any time during senior year.

Key	
	Institute Requirements
	NSE Core Subjects
	Student Selected Focus

Course 22 Flexible Degree Sophomore Year Late Entry Sample Schedule

		<i>Fall</i>			<i>Spring</i>				
		<i>Subject #</i>	<i>Title</i>	<i>Units</i>	<i>GIR</i>	<i>Subject #</i>	<i>Title</i>	<i>Units</i>	<i>GIR</i>
First Year			Physics I	12	Physics		Physics II	12	Physics
			Calculus I	12	Calc		Calculus II	12	Calc
			Chem or Bio	12	Chem/Bio		unrestricted elective	12	
			HASS CI-H	12	HASS CI-H		HASS	12	HASS
				48				48	
Sophomore Year	elective		unrestricted elective	12		18.03	Differential Equations	12	REST
			Chem or Bio	12	Chem/Bio	2.005	Thermal Fluids	12	
	elective		unrestricted elective	12		math	math restricted elective	12	
	HASS		HASS	12		HASS	HASS CI-H	12	HASS CI-H
				48				48	
Junior Year	22.01		Intro to Nuclear	12	REST				
	22.03		Design Thinking	6		22.06 or 22.061	Fission or Fusion	12	
	computing		computation restricted elective	12		Focus Area	Flexible degree subject within the area of focus	12	
	Focus Area		Flexible degree subject within the area of focus	12		elective	unrestricted elective	12	
	HASS		HASS	12	HASS	22.04 (HASS)	Social Problems of Nuclear Energy	12	HASS-S, CI-M
					54				48
Senior Year	22.09		Radiation Measurement & Protection	15	LAB, CI-M	22.ThU*	Undergraduate Thesis	12	
	22.ThT*		Undergraduate Thesis Tutorial	3		Focus Area	Flexible degree subject within the area of focus	12	
	Focus Area		Flexible degree subject within the area of focus	12		Focus Area	Flexible degree subject within the area of focus	12	
	Focus Area		Flexible degree subject within the area of focus	12		HASS	HASS	12	HASS
	HASS		HASS	12	HASS				
					54				48

Notes: Math and computation electives can be swapped, or shifted earlier if 18.03 is taken in the First Year. NSE Restricted Electives - related graduate subjects can be petitioned. Calc I & II, Physics I & II, Chem & Bio should be completed by the end of Sophomore year.

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Key	
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	NSE Core Subjects
	Student Selected Focus

Course 22 Flexible Degree Junior Year Late Entry Sample Schedule

	<i>Fall</i>				<i>Spring</i>			
	<i>Subject #</i>	<i>Title</i>	<i>Units</i>	<i>GIR</i>	<i>Subject #</i>	<i>Title</i>	<i>Units</i>	<i>GIR</i>
First Year		Physics I	12	Physics		Physics II	12	Physics
		Calculus I	12	Calc		Calculus II	12	Calc
		Chem or Bio	12	Chem/Bio		unrestricted elective	12	
		HASS CI-H	12	HASS CI-H		HASS	12	HASS
			48				48	
Sophomore	elective	unrestricted elective	12		18.03	Differential Equations	12	REST
		Chem or Bio	12	Chem/Bio	elective	unrestricted elective	12	
	elective	unrestricted elective	12		Focus Area	Flexible degree subject within the area of focus	12	
	HASS	HASS	12		HASS	HASS CI-H	12	HASS CI-H
			48				48	
Junior	22.01	Intro to Nuclear	12	REST				
	22.03	Design Thinking	6		22.06 or 22.061	Fission or Fusion	12	
	computing	computation restricted elective	12		math	math restricted elective	12	
	2.005	Thermal Fluids	12		Focus Area	Flexible degree subject within the area of focus	12	
	HASS	HASS	12	HASS	22.04 (HASS)	Social Problems of Nuclear Energy	12	HASS-S, CI-M
			54				48	
Senior	22.09	Radiation Measurement & Protection	15	LAB, CI-M	22.ThU*	Undergraduate Thesis	12	
	22.ThT*	Undergraduate Thesis Tutorial	3		Focus Area	Flexible degree subject within the area of focus	12	
	Focus Area	Flexible degree subject within the area of focus	12		Focus Area	Flexible degree subject within the area of focus	12	
	Focus Area	Flexible degree subject within the area of focus	12		HASS	HASS	12	HASS
	HASS	HASS	12	HASS				
				54				48

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