

Physics BS, Sample Schedule

The schedule below shows a sequence for completing required courses for students who major in Physics. Variations and substitutions are possible. The requirements are listed here: [MSU RO: Academic Programs:Physics - Bachelor of Science](#)

Freshman Year			
Fall		Spring	
MTH 132	3	MTH 133	4
PHY 183 or PHY 193H	4	PHY 184 or PHY 294H	4
CEM 141	4	CEM 142 + 161	4
WRA 101	4	CMSE 201	4
total	~15	total	~15

Sophomore Year			
Fall		Spring	
MTH 234	4	MTH 235	3
PHY 191	1	PHY 192	1
PHY 215	3	PHY 321	3
ISS 2xx level	4	ISS 3xx level	4
Elective	4	Elective	
total	~15	total	~15

Junior Year			
Fall		Spring	
PHY 415	4	MTH 314	3
PHY 471	3	PHY 410	3
PHY 440	3	PHY 431 or PHY 440	4
IAH 201-210	4	Biology requirement	3
Elective		Elective	
total	~15	total	~15

Senior Year			
Fall		Spring	
Capstone course	3	Capstone course	3
PHY 481	3	PHY 472 (Elective)	3
PHY 451	3	PHY 482 (Elective)	3
IAH 211+	4	Electives	
Elective			
total	~15	total	~15

Biology requirement: One of the following courses: IBIO 150, PLB 105, MMG 141, ENT 205, MMG 201, PSL 250, BS 161

Capstone requirement: Two of the following: PHY 491, PHY 492, PHY 493, PHY 494

Possible electives: [Sample Electives - College of Natural Science \(msu.edu\)](#)