

# Michigan Technological University

## Bachelor of Science Degree Audit

### Major Program: Physics

Program Code: SPH, Academic Year 2018-19

Total credits required for the degree: 128

#### Required Courses: 85 to 86 credits

Course	Credits
CH 1150	3
CH 1151	1
MA 1160	4
MA 2160	4
MA 2320/2330	2/3
MA 3160	4
MA 3530	3
PH 1160	4
PH 1161	1
PH 1360	2
PH 1361	1
PH 2020	2
PH 2230	4
PH 2260	4
PH 2261	1
PH 2300	2
PH 2400	3
PH 3110	3
PH 3111	3
PH 3210	3
PH 3300	3
PH 3320	3
PH 3410	3
PH 3411	3
PH 3480	2
PH 4010	1
PH 4011	1
PH 4050	1
PH 4080	3
PH 4081	3
PH 4210	3
PH 4211	3
PH 4390	2

#### Physics Electives: 6 credits

PH1090, PH1091, PH1500, PH1600, PH1610, PH4090, PH4380, PH4395, PH4510, PH4610, PH4620, PH4630, PH4640, PH4710, PH4999

Course	Credits

#### General Education Requirements: 24 credits

Courses used to complete General Education may not be used to complete other degree requirements.

##### Core: 12 credits

Course	Credits
UN 1015	3
UN 1025 or an upper level modern language	3
Critical and Creative Thinking	3
Social Responsibility and Ethical Reasoning	3

##### HASS: 12 credits

Six of the 12 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

Course	Credits
Communication/ Composition	Minimum 3
Humanities and Fine Arts	Minimum 3
Social and Behavioral Sciences	Minimum 3
Course from any list above or from the Restricted HASS course list	0 to 3

#### Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.

Course	Credits

#### Free Electives: 12 to 13 credits

Any coursework is allowable, excluding co-curricular and coursework below the 1000-level.

Course	Credits