



Name:

ID:

This academic degree map is a term-by-term course schedule designed for you to graduate in four years. The sample schedule below serves as a general guideline to building a full-time schedule for each term. Earning a degree requires that you complete (1) the required General Education courses, (2) the course requirements of your major and (3) any requirements PSU has designated for a Bachelor degree. Courses and special notes are specified to keep you on track to graduate in four years. Where open elective is listed, it means that you may take a course of your choosing, perhaps a course in an area outside of your major, but be sure to discuss this with your advisor.

This map is not a substitute for academic advisement – contact your advisor if you have any questions throughout the term and as you begin planning for the next. The University Catalog is also available as a resource with a complete list of requirements for all degrees offered at PSU.

### Recommended 4-years to graduation plan

Code	Semester 1 - FRESHMAN YEAR	Credit	NOTES
ENGL 101	English Composition (SGE) <sup>010</sup>	3	C or better
MATH 150	Calculus I (SGE) <sup>030</sup>	5	
PHYS 104	Engineering Physics I (SGE) <sup>040</sup> Suggested	4	
PHYS 130	Elementary Physics Laboratory I (SGE) <sup>040</sup> Suggested	1	
UGS 150	Gorilla Gateway (SGE) <sup>070</sup>	2	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
ENGL 299	Intro to Research Writing (SGE) <sup>010</sup>	3	C or Better
MATH 155	Calculus II	5	
PHYS 105	Engineering Physics II	4	
PHYS 131	Elementary Physics Laboratory II	1	
PSYCH 155	General Psychology (SGE) <sup>060</sup> Suggested	3	
<b>TOTAL CREDIT HOURS</b>		<b>16</b>	

	Semester 3 - SOPHOMORE YEAR	Credit	
COMM 207	Speech Communication (SGE) <sup>020</sup>	3	
EDUC 261	Explorations in Education	3	
PHYS 516	Modern Physics I	3	
CHEM 215 or PHYS 160	General Chemistry I OR Physical Geology	3	
CHEM 216 or PHYS 165	General Chemistry I Lab OR Physical Geology Lab	2	
<b>TOTAL CREDIT HOURS</b>		<b>14</b>	

	Semester 4 - SOPHOMORE YEAR	Credit	
PHYS 302	Scientific Programming with Python	3	
PSYCH 263	Developmental Psychology	3	
PHYS 530	Intermediate Physics Laboratory	3	
CHEM 225 or PHYS 175	General Chemistry II OR Descriptive Astronomy	3	
CHEM 226 or PHYS 176	General Chemistry II Lab OR Astronomy Lab	2	
<b>TOTAL CREDIT HOURS</b>		<b>14</b>	

	Semester 5 - JUNIOR YEAR	Credit	
PHYS 532	Electronic Circuits I	3	
EDUC 307	Clinical Experience	1	
PSYCH 357	Educational Psychology	3	
PHYS 479	Techniques for Teaching Physics (or EDUC 479)	3	
PHYS 569	Laboratory Assistant Practicum	2	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

	Semester 6 - JUNIOR YEAR	Credit	
SPED 510	Overview of Inclusive Education	3	
EDUC 520	Methods and Materials for Academic Literacy	3	
300+	Physics Elective	3	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3	
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	1	
100+	Open Elective	2	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

	Semester 7 - SENIOR YEAR	Credit	
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	3	
Bucket 050	Social & Behavioral Science (SGE) <sup>050</sup>	3	
100+	Open Elective	3	
100+	Open Elective	3	
100+	Open Elective	3	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

	Semester 8 - SENIOR YEAR	Credit	
PHYS 699	Senior Review and Assessment	1	
EDUC 475	Supervised Clinical Experience	9	
EDUC 458	Methods and Curriculum	3	
EDUC 464	Measurement and Evaluation	2	
PHYS 579	Supervised Student Teaching and Follow-Up of Teachers	1	
<b>TOTAL CREDIT HOURS</b>		<b>16</b>	

Writing to Learn: Typically one from general education and one in major coursework.

#### Systemwide General Education (SGE) Key

- 010 English
- 020 Communications
- 030 Math & Statistics
- 040 Natural & Physical Sciences
- 050 Social & Behavioral Sciences
- 060 Arts & Humanities
- 070 Institutionally Designated