

# ARMSTRONG

Student Name \_\_\_\_\_

Student ID \_\_\_\_\_

## Area A – Essentials Skills 9 Hours

		Grade
ENGL 1101	Composition and Rhetoric	_____
ENGL 1102 or 1102H	Composition and Literature	_____
MATH 1111	College Algebra	_____
SEMINAR	Freshman Seminar	_____

## Area B – Institutional Options 4-5 Hours

### 1. Ethics & Values

One course selected from:

CHEM 2600	Ethical/Moral Issues in the Sciences	_____
CRJU 2020	Ethical Theories/Moral Issues in CJ	_____
ENGL 2000	Ethics and Values in Literature	_____
ETHC 2000	Interdisciplinary Ethics	_____
GNST 2101	Ethics, Values, and Gender	_____
HIST 2000	Ethics and Values in History	_____
HONS 2100	Honors Topic in Ethics and Values	_____
PHIL 2030	Intro to Ethics & Moral Philosophy	_____
POLS 1200	Ethical Theories in Government	_____
SOCI 2500	Ethics, Values, & the Social World	_____

### 2. Global Perspectives

One course selected from:

ANTH 1150	Global Perspectives in Anthropology	_____
CHEM 2200	Science, Technology/Modern World	_____
CRJU 2010	Universal Justice	_____
ECON 1150	Global Economic Problems	_____
ENGL 2050	Africa and the Diaspora	_____
EURO 2000	Introduction to the European Union	_____
GEOG 1100	World Regional Geography	_____
GEOG 2120	Cultural Geography	_____
GNST 2200	Gender in Global Contexts	_____
HIST 1111	Civilization I	_____
HIST 1112	Civilization II	_____
HIST 2100	The African Diaspora	_____
HLPR 2010	Culture, Illness, Diag & Treatment	_____
HONS 2000	Honors Topics Global Perspectives	_____
POLS 1150	World Politics	_____
POLS 2290	Foundations of Int'l Relations	_____
PSYC 2300	Global Persp. in Developmental Psy	_____
RELI 2100	World Religions	_____
SOCI 2000	Global Sociology	_____
Foreign Language Level 1002		_____

## Area C – Humanities and Fine Arts 6 Hours

### 1. Literature or Philosophy

One course selected from:

ENGL 2100	Literature and Humanities	_____
PHIL 2010	Introduction to Philosophy	_____
PHIL 2030	Intro Ethics and Moral Philosophy	_____
Foreign Language Level 2001 and 2002		_____

### 2. Art, Music, or Theater

One course selected from:

ARTS 1100	Art Appreciation	_____
ARTS/MUSC 1270	World of Art and Music	_____
ARTS 2710	Art History I	_____
ARTS 2720	Art History II	_____
MUSC 1100	Music Appreciation	_____
THEA 1100	Theatre Appreciation	_____
THEA 1200	Introduction to Theatre	_____
THEA 2410	Oral Interpretation	_____

Program of Study B.S. in Radiologic Sciences (revised 3/9/2015)

## \*Area D – Science, Math & Technology 11 Hours

		Grade
MATH 2200	Elementary Statistics	_____
<i>One laboratory science sequence (with labs) from:</i>		
<b>Nuclear Medicine needs Chemistry</b>		
BIOL 1107/1108	Biology I/Biology II	_____
CHEM 1151/1152	Survey of Chemistry I/II	_____
CHEM 1211/1212	Prin of Chem I/II & Labs	_____
PHYS 1111K/1112K	Introduction to Physics I/II	_____
PHYS 2211/2212	Principles of Physics I/II	_____

## Area E – Social Sciences 12 Hours

### 1. American & Georgia History & Constitution

HIST/POLS 2001	Pol. Hist of Am/GA	_____
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### 2. World Civilization

One course selected from:

HIST 1111	Civilization I	_____
HIST 1112	Civilization II	_____

### 3. Social Sciences

One course selected from:

ANTH 1102	Introduction to Anthropology	_____
ECON 1101	Introduction to Economics	_____
ECON 2105	Principles of Macroeconomics	_____
ECON 2106	Principles of Microeconomics	_____
PSYC 1101	General Psychology	_____
SOCI 1101	Introductory Sociology	_____

### 4. History or Social Sciences

One course selected from:

AFAS 2000	Introduction to African Studies	_____
ANTH 1102	Introduction to Anthropology	_____
ECON 1101	Survey of Economics	_____
ECON 2105	Principles of Macroeconomics	_____
ECON 2106	Principles of Microeconomics	_____
GEOG 2120	Cultural Geography	_____
GNST 1101	Introduction to Gender Studies	_____
HIST 1111	Civilization I	_____
HIST 1112	Civilization II	_____
HIST 2111	History of America to 1877	_____
HIST 2112	History of America since 1865	_____
POLS 2100	Introduction to Political Science	_____
PSYC 1101	Introduction to Psychology	_____
SOCI 1101	Introductory Sociology	_____

## Area F – Courses appropriate to major 18 Hours

BIOL 2081	Human Anatomy & Physiology I	_____
BIOL 2082	Human Anatomy & Physiology II	_____
DDTS 2001	Intro to Diag & Thera Sciences	_____

\*\* Choose one from:

PHYS 1111K	Introduction to Physics I with Lab	_____
PHSC 1211 & 1211L	Physical Environment with Lab	_____

### Guided Electives

COMM 2280 or a lower-level class (1000 or 2000 level)

MATH\*, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC,

ASTR, GEOL, or ISCI

\*COMM2280 required for Sonography

\*PreCalc needed for Radiation Therapy

## Physical Education 3 Hours

PEBC 2001	Concepts of Personal Health & Fitness	_____
<b>OR PEBC 2000 plus 1 activity course</b>		_____
<b>OR PEEC 2000 plus 2 activity courses</b>		_____
<b>OR 3 activity courses</b>		_____



**Armstrong State University**  
**Radiologic Sciences**  
**Suggested Curriculum**

**Year One**

*Fall semester*

ENGL 1101	3	
MATH 1111	3	
BIOL 1107 w/lab, CHEM 115 w/lab or CHEM 1211 w/lab ( <b>CHEM required for nuclear med</b> )	4	
Core Class	2	
Core Class	3	
First Year Seminar	1	
<b>TOTAL Semester Hrs/Credits</b>	<b>16</b>	

*Spring semester*

ENGL 1102	3	
MATH 2200	3	
BIOL 1108 w/lab, CHEM 1152 w/lab, or CHEM 1212 w/lab ( <b>sequence to science taken above</b> )	4	
Core Class	3	
Core Class	3	
<b>TOTAL Semester Hrs/Credits</b>	<b>16</b>	

**Year Two**

*Fall semester, Note: This is the semester to apply to BS degree*

BIOL 2081	4	
Area F Guided Elective (COMM 2280 or a lower-level class (1000 or 2000 level) MATH*, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR, GEOL, or ISCI)	3	
Core Class	3	
Core Class	3	
PE	3	
<b>TOTAL Semester Hrs/Credits</b>	<b>16</b>	

*Spring semester*

BIOL 2082	4	
PHYS 1111 w/lab, or PHSC 1211 and PHSC 1211L	4	
DDTS 2001	3	
Core Class	3	
Core Class	3	
<b>TOTAL Semester Hrs/Credits</b>	<b>17</b>	

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Radiologic Sciences  
Suggested Curriculum**

**CARDIOVASCULAR/INTERVENTIONAL SCIENCE (CVIS)**

**Year Three**

*Fall semester*

CVIS 3001	Cardiovascular Interventional Sciences I	6	
DDTS 3001	Patient Care and Interaction	2	
DDTS 3001L	Patient Care and Interaction Lab	1	
HLPR 2000	Intro to Health Care and Medical Terminology	2	
RDSC 3001	Radiologic Sciences I	5	
<b>TOTAL Semester Hrs/Credits</b>		<b>16</b>	

*Spring semester*

CVIS 3002	Cardiovascular Interventional Sciences II	6	
CVIS 3100	Intro to CVIS Clinical Education	1	
RDSC 3002	Radiologic Sciences II	6	
RDSC 3060	Principles of Image Formation and Evaluation	2	
<b>TOTAL Semester Hrs/Credits</b>		<b>15</b>	

*Summer Semester*

CVIS 4101	CVIS Clinical Education I	5	
DDTS 4010	Research Methodologies	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>8</b>	

**Year Four**

*Fall Semester*

CVIS 3003	Physiologic Monitoring and Recording	4	
CVIS 4102	CVIS Clinical Education II	8	
DDTS 4020	Management and Leadership	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>15</b>	

*Spring Semester*

CVIS 4103	CVIS Clinical Education III	9	
CVIS 4200	CVIS Synthesis	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>12</b>	

**Armstrong State University  
Radiologic Sciences  
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**NUCLEAR MEDICINE**

**Year Three**

*Fall semester*

HLPR 2000	Intro to Health Care and Medical Terminology	2	
DDTS 3001	Patient Care and Interaction	3	
RDSC 3001	Radiologic Sciences I	5	
NUCM 3001	Nuclear Medicine I	6	
<b>TOTAL Semester Hrs/Credits</b>			<b>16</b>

*Spring semester*

RDSC 3002	Radiologic Sciences II	6	
NUCM 3100	Intro to Nuclear Medicine Clinical Education	1	
NUCM 3002	Nuclear Medicine II	6	
RDSC 3060	Principles of Image Formation And Evaluation	2	
<b>TOTAL Semester Hrs/Credits</b>			<b>15</b>

*Summer Semester*

NUCM 4101	Nuclear Medicine Clinical Education	5	
DDTS 4010	Research Methodologies	3	
<b>TOTAL Semester Hrs/Credits</b>			<b>8</b>

**Year Four**

*Fall Semester*

DDTS 4020	Management and Leadership	3	
NUCM 4102	Nuclear Medicine Clinical Education II	6	
NUCM 3003	Nuclear Medicine III	3	
RDSC 4100	Advanced Imaging Modalities	3	
<b>TOTAL Semester Hrs/Credits</b>			<b>15</b>

*Spring Semester*

NUCM 4103	Nuclear Medicine Clinical Education	9	
NUCM 4200	Nuclear Medicine Synthesis	3	
<b>TOTAL Semester Hrs/Credits</b>			<b>12</b>

**Armstrong State University**  
**Radiologic Sciences**  
**Suggested Curriculum**

**RADIATION THERAPY**

**Year Three**

*Fall semester*

RTHR 3001	Radiation Therapy I	6	
RDSC 3001	Radiologic Sciences I	5	
HLPR 2000	Intro to Health Care and Medical Terminology	2	
DDTS 3001	Patient Care and Interaction	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>16</b>	

*Spring semester*

RTHR 3002	Radiation Therapy II	6	
RDSC 3002	Radiologic Sciences II	6	
RDSC 3060	Principles of Image Formation and Evaluation	2	
RTHR 3100	Intro to Radiation Therapy Clinical Experience	1	
<b>TOTAL Semester Hrs/Credits</b>		<b>15</b>	

*Summer Semester*

RTHR 4101	Radiation Therapy Clinical Education I	5	
DDTS 4010	Research Methodologies	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>8</b>	

**Year Four**

*Fall Semester*

DDTS 4020	Management and Leadership	3	
RTHR 4102	Radiation Therapy Clinical Education	6	
RTHR 3003	Radiation Therapy III	3	
RDSC 4100	Advanced Imaging Modalities	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>15</b>	

*Spring Semester*

RTHR 4103	Radiation Therapy Clinical Education III	9	
RTHR 420	Radiation Therapy Synthesis	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>12</b>	

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**RADIOGRAPHY**

**Year Three**

*Fall semester*

HLPR 2000	Intro to Health Care and Medical Terminology	2	
DDTS 3001	Patient Care Interaction	3	
RDSC 3001	Radiologic Science I	5	
RADR 3001	Radiography I	6	
<b>TOTAL Semester Hrs/Credits</b>			<b>16</b>

*Spring semester*

RDSC 3002	Radiologic Science II	3	
RADR 3100	Introduction to Radiography Clinical Education	1	
RDSC 3060	Principles of Image Formation and Evaluation	5	
RADR 3002	Radiography II	6	
<b>TOTAL Semester Hrs/Credits</b>			<b>15</b>

*Summer Semester*

RADR 4101	Radiography Clinical Education	6	
DDTS 4010	Research Methodologies	3	
<b>TOTAL Semester Hrs/Credits</b>			<b>13</b>

**Year Four**

*Fall Semester*

DDTS 4020	Management and Leadership	3	
RADR 4102	Radiography Clinical Education II	3	
RADR 3003	Radiography III	6	
RDSC 4100	Advanced Imaging Modalities	3	
<b>TOTAL Semester Hrs/Credits</b>			<b>15</b>

*Spring Semester*

RADR 4200	Radiography Synthesis	3	
RADR 4103	Radiography Clinical Education III <b>OR</b>	9	
RADR 4103	Radiography Clinical Education III (6 hours) <b>AND</b>	6	
RDSC 4100	Advanced Imaging Modalities (3 hours)	3	
<b>TOTAL Semester Hrs/Credits</b>			<b>12</b>

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**Suggested Curriculum**

**SONOGRAPHY**

**Year Three**

*Fall semester*

HLPR 2000	Intro to Research in Health Professions	2	
DDTS 3001	Patient Care and Interaction	3	
RDSC 3001	Radiologic Sciences I	5	
SONO 3001	Sonography Principles, Theory, and Physics I	6	
<b>TOTAL Semester Hrs/Credits</b>		<b>16</b>	

*Spring semester*

RDSC 3002	Radiologic Sciences II	6	
RADR 3100	Radiography I	1	
RDSC 3060	Principles of Image Formation and Evaluation	2	
SONO 3002	Sonography Principles, Theory, and Physics II	6	
SONO 3100	Introduction to Clinic	1	
<b>TOTAL Semester Hrs/Credits</b>		<b>16</b>	

*Summer Semester*

DDTS 4010	Research Methodologies	3	
SONO 4101	Sonography Clinical Education I	5	
<b>TOTAL Semester Hrs/Credits</b>		<b>8</b>	

**Year Four**

*Fall Semester*

DDTS 4020	Management and Leadership	3	
RDSC 4100	Advanced Imaging Modalities	3	
SONO 3003	Sonography Principles, Theory, and Physics III	6	
SONO 4102	Sonography Clinical Education II	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>15</b>	

*Spring Semester*

SONO 4200	Sonography Synthesis	3	
SONO 4103	Sonography Clinical Education II	3	
<b>TOTAL Semester Hrs/Credits</b>		<b>6</b>	