

COMPUTER INFORMATION SYSTEMS

Stephen F. Austin State University
College of Sciences and Mathematics

Name: _____

Date: 6/19/2014 **Catalog:** 2014-2015 **Void Date:** Aug 31, 2021 **ID#** _____
 Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN																		
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. 3 hours from: 131____, 133H____ (C or better is required)</p> <p>2. 3 hours from: COM 111</p> <p>MATHEMATICS:</p> <p>1. 3 hours from: MTH 220</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. 6 hours from: BIO 121,123,131,133, 225, 238; CHE 111,133,134; ENV 110; GOL 131, 132; PHY 101, 102,110, 131 or 241, 132 or 242; AST 105</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. 3 hours from: ENG 200 – 233H; HIS 151,152; PHI 153, 223</p> <p>CREATIVE ARTS:</p> <p>1. 3 hours from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY:</p> <p>1. 6 hours from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. 6 hours from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. 3 hours from: ECO 232</p> <p>COMPONENT AREA OPTION:</p> <p>1. 3 hours from: ENG 132____ (C or better required)</p> <p>2. 3 hours from: ENG 237</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. _____</p> <p>2. _____</p> <p>MATHEMATICS:</p> <p>1. _____</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. _____</p> <p>CREATIVE ARTS:</p> <p>1. _____</p> <p>AMERICAN HISTORY</p> <p>1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. _____</p> <p>COMPONENT AREA OPTION:</p> <p>1. _____</p> <p>2. _____</p>																		
<p>FOUNDATION OF KNOWLEDGE (17 hours)</p> <p>6 hours from MTH 138 or 143____, 144____</p> <p>9 hours from ACC 232____, ECO 339____, MKT 351____</p> <p>2 hours from labs for core Science courses _____</p>	<p>FOUNDATION OF KNOWLEDGE: (17 hours)</p> <p>6 hours Math _____</p> <p>9 hours Business _____</p> <p>2 hours from labs for core Science courses _____</p>																		
<p>MAJOR: <u>COMPUTER INFORMATION SYSTEMS</u> (34 Hours)</p> <p>CSC</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">102____</td> <td style="width: 33%;">214____</td> <td style="width: 33%;">323____</td> </tr> <tr> <td>202____</td> <td>241____</td> <td>411(1)____</td> </tr> <tr> <td>211____</td> <td>321____</td> <td>426____</td> </tr> </table> <p>plus 9 advanced hours excluding: CSC 340, 350, 351, 353, 355, 385, 412, 452, 455</p>	102____	214____	323____	202____	241____	411(1)____	211____	321____	426____	<p>MAJOR: <u>COMPUTER INFORMATION SYSTEMS</u> (34 Hours)</p> <p>CSC</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">102____</td> <td style="width: 33%;">214____</td> <td style="width: 33%;">323____</td> </tr> <tr> <td>202____</td> <td>241____</td> <td>411(1)____</td> </tr> <tr> <td>211____</td> <td>321____</td> <td>426____</td> </tr> </table> <p>plus 9 advanced hours excluding: CSC 340, 350, 351, 353, 355, 385, 412, 452, 455</p>	102____	214____	323____	202____	241____	411(1)____	211____	321____	426____
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102____	214____	323____																	
202____	241____	411(1)____																	
211____	321____	426____																	
<p>MINOR: <u>GENERAL BUSINESS</u> (21 hours)</p> <p>ACC 231____, BLW 335____, ECO 231____, FIN 333____</p> <p>FIN 369 or GBU 147____, GBU 325____, MGT 370____</p>	<p>MINOR: <u>GENERAL BUSINESS</u> (21 hours)</p> <p>ACC 231____, BLW 335____, ECO 231____, FIN 333____</p> <p>FIN 369 or GBU 147____, GBU 325____, MGT 370____</p>																		
<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ Hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements</p>																		

Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (300-400 level) in residence at SFA. A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____	TOTAL RECORDED HOURS ON TRANSCRIPT _____
Major Dept.: _____	TOTAL HOURS YET TO BE TAKEN _____
Student Agreement: _____	TOTAL HOURS EARNED FOR DEGREE _____
Approved—Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

COMPUTER SCIENCE

Stephen F. Austin State University
College of Sciences and Mathematics

Name: _____

Date: 6/19/2014 Catalog: 2014-2015 Void Date: Aug 31, 2021 ID# _____

Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN																
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. 3 hours from: 131____, 133H____ (C or better is required)</p> <p>2. 3 hours from: COM 111</p> <p>MATHEMATICS:</p> <p>1. 3 hours from: MTH 220</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. 6 hours from: BIO 131,133, 225, 238; CHE 133,134; GOL 131, 132; PHY110, 131 or 241, 132 or 242; AST 105 <i>(1 two-semester sequence; any lab science course in BIO, CHE, GOL, or PHY that has a prerequisite science course listed in this section)</i></p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. 3 hours from: ENG 200 – 233H; HIS 151,152; PHI 153, 223</p> <p>CREATIVE ARTS:</p> <p>1. 3 hours from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY:</p> <p>1. 6 hours from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. 6 hours from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. 3 hours from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION:</p> <p>1. 3 hours from: ENG 132____ (C or better required)</p> <p>2. 3 hours from: ENG 237</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. _____</p> <p>2. _____</p> <p>MATHEMATICS:</p> <p>1. _____</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. _____</p> <p>CREATIVE ARTS:</p> <p>1. _____</p> <p>AMERICAN HISTORY</p> <p>1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. _____</p> <p>COMPONENT AREA OPTION:</p> <p>1. _____</p> <p>2. _____</p>																
<p>FOUNDATION OF KNOWLEDGE: (21-22 hours)</p> <p>SCI: 10 additional hours of Science from core including lab hours (see above)</p> <p>MTH: 139____ or 140(4)____, 233(4)____, 234(4)____</p>	<p>FOUNDATION OF KNOWLEDGE: (21-22 hours)</p> <p>SCI: _____</p> <p>MTH: _____</p>																
<p>COMPUTER SCIENCE MAJOR (43 Hours)</p> <p>CSC:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">102____</td> <td style="width: 25%;">241____</td> <td style="width: 25%;">341____</td> <td style="width: 25%;">PLUS 6 HRS FROM:</td> </tr> <tr> <td>202____</td> <td>321 or 331____</td> <td>342____</td> <td>425, 435, 442, 445</td> </tr> <tr> <td>211____</td> <td>323____</td> <td>411(1)____</td> <td></td> </tr> <tr> <td>214____</td> <td>333____</td> <td></td> <td></td> </tr> </table> <p>Plus 6 hours advanced electives _____ excluding: 340, 350, 351, 353, 355, 385, 412, 452, 455</p>	102____	241____	341____	PLUS 6 HRS FROM:	202____	321 or 331____	342____	425, 435, 442, 445	211____	323____	411(1)____		214____	333____			
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<p>MINOR(Optional): _____</p>	<p>MINOR(Optional): _____</p>																
<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ Hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements. Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (300-400 level) in residence at SFA.</p>																

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____ TOTAL RECORDED HOURS ON TRANSCRIPT _____

Major Dept.: _____ TOTAL HOURS YET TO BE TAKEN _____

Student Agreement: _____ TOTAL HOURS EARNED FOR DEGREE _____

Approved—Dean of College: _____ TOTAL HOURS REQUIRED FOR DEGREE 120

COMPUTER SCIENCE~Teaching

Stephen F. Austin State University
College of Sciences and Mathematics

Name: _____

Date: _____ Catalog: **2014-2015** Void Date: **Aug 31, 2021** ID# _____

Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN																
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. 3 hours from: 131____, 133H____ (C or better is required)</p> <p>2. 3 hours from: COM 111</p> <p>MATHEMATICS:</p> <p>1. 3 hours from: MTH 220</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. 6 hours from: BIO 131,133, 225, 238; CHE 133,134; GOL 131, 132; PHY110, 131 or 241, 132 or 242; AST 105 <i>(1 two-semester sequence; any lab science course in BIO, CHE, GOL, or PHY that has a prerequisite science course listed in this section)</i></p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. 3 hours from: ENG 200 – 233H; HIS 151,152; PHI 153, 223</p> <p>CREATIVE ARTS:</p> <p>1. 3 hours from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY:</p> <p>1. 6 hours from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. 6 hours from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. 3 hours from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION:</p> <p>1. 3 hours from: ENG 132____ (C or better required)</p> <p>2. 3 hours from: ENG 237</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. _____</p> <p>2. _____</p> <p>MATHEMATICS:</p> <p>1. _____</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. _____</p> <p>CREATIVE ARTS:</p> <p>1. _____</p> <p>AMERICAN HISTORY</p> <p>1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. _____</p> <p>COMPONENT AREA OPTION:</p> <p>1. _____</p> <p>2. _____</p>																
<p>FOUNDATION OF KNOWLEDGE: (21-22 hours)</p> <p>SCI: 10 additional hours of Science from core including lab hours (see above)</p> <p>MTH: 139____ or 140(4)____, 233(4)____, 234(4)____</p>	<p>FOUNDATION OF KNOWLEDGE: (21-22 hours)</p> <p>SCI: _____</p> <p>MTH: _____</p>																
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211____	323____	411(1)____															
214____	333____																
<p>MINOR: <u>Secondary Education</u></p> <p>HMS 203____; SED 370____, 371____, 372____, 450____, 450L____, 460____,</p> <p>442(6)____, 443____</p>	<p>MINOR: <u>Secondary Education</u></p> <p>HMS 203____; SED 370____, 371____, 372____, 450____, 450L____, 460____,</p> <p>442(6)____, 443____</p>																
<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ Hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements. Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (300-400 level) in residence at SFA.</p>																

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____ TOTAL RECORDED HOURS ON TRANSCRIPT _____

Major Dept.: _____ TOTAL HOURS YET TO BE TAKEN _____

Student Agreement: _____ TOTAL HOURS EARNED FOR DEGREE _____

Approved-Dean of College: _____ TOTAL HOURS REQUIRED FOR DEGREE 120

ENGINEERING PHYSICS

STEPHEN F. AUSTIN STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

Name: _____

Date: _____ Catalog: 2014-2015 Void Date: August 31, 2021 CID#: _____

Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN				
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. 3 hrs from: ENG 131, 133H (C or better is required) 2. 3 hrs from: COM 111, 170, 215</p> <p>MATHEMATICS: 1. 3 hrs from: MTH 233</p> <p>LIFE AND PHYSICAL SCIENCES: 1. 6 hrs from: CHE 133, 134</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hrs from: ENG 200-233H, HIS 151, 152; PHI 153, 223</p> <p>CREATIVE ARTS: 1. 3 hrs from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY: 1. 6 hrs from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. 6 hrs from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hrs from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION: 1. 3 hrs from: ENG 132 (C or better is required) 2. 3 hrs from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. _____ 2. _____</p> <p>MATHEMATICS: 1. _____</p> <p>LIFE AND PHYSICAL SCIENCES: 1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____</p> <p>CREATIVE ARTS: 1. _____</p> <p>AMERICAN HISTORY: 1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. _____</p> <p>COMPONENT AREA OPTION: 1. _____ 2. _____</p>				
<p>COLLEGE/DEPARTMENT REQUIREMENTS (17 HOURS) MTH 234(4)____, 333(4)____, 337____</p> <p>CSC 102____</p> <p>Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>	<p>COLLEGE/DEPARTMENT REQUIREMENTS (17 HOURS) MTH 234(4)____, 333(4)____, 337____</p> <p>CSC 102____</p> <p>Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>				
<p>ENGINEERING PHYSICS (55 hours)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>EGR 111____ EGR 112____ EGR 215(4)____ PHY 241(4)____ PHY 242(4)____ EGR 250(4)____ EGR 321(4)____ PHY 333(4)____ EGR 343____ PHY 347____ PHY 440____ EGR 470(2)____ EGR 490(2)____</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;"><u>Mechanical Option</u></p> <p>AGM 325 OR HRT 325____ EGR 305____ EGR 345____ PHY 430____</p> <p style="text-align: center;">- OR -</p> <p style="text-align: center;"><u>Electrical Option</u></p> <p>EGR 314____ EGR 344____ EGR 370____ PHY441(4) OR PHY431____</p> </td> </tr> </table>	<p>EGR 111____ EGR 112____ EGR 215(4)____ PHY 241(4)____ PHY 242(4)____ EGR 250(4)____ EGR 321(4)____ PHY 333(4)____ EGR 343____ PHY 347____ PHY 440____ EGR 470(2)____ EGR 490(2)____</p>	<p style="text-align: center;"><u>Mechanical Option</u></p> <p>AGM 325 OR HRT 325____ EGR 305____ EGR 345____ PHY 430____</p> <p style="text-align: center;">- OR -</p> <p style="text-align: center;"><u>Electrical Option</u></p> <p>EGR 314____ EGR 344____ EGR 370____ PHY441(4) OR PHY431____</p>	<p>ENGINEERING PHYSICS (55 hours)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>EGR 111____ EGR 112____ EGR 215(4)____ PHY 241(4)____ PHY 242(4)____ EGR 250(4)____ EGR 321(4)____ PHY 333(4)____ EGR 343____ PHY 347____ PHY 440____ EGR 470(2)____ EGR 490(2)____</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;"><u>Mechanical Option</u></p> <p>PHY 430____ EGR 305____ EGR 345____ AGM 325 OR HRT 325____</p> <p style="text-align: center;">- OR -</p> <p style="text-align: center;"><u>Electrical Option</u></p> <p>EGR 314____ EGR 344____ EGR 370____ PHY441(4) OR PHY431____</p> </td> </tr> </table>	<p>EGR 111____ EGR 112____ EGR 215(4)____ PHY 241(4)____ PHY 242(4)____ EGR 250(4)____ EGR 321(4)____ PHY 333(4)____ EGR 343____ PHY 347____ PHY 440____ EGR 470(2)____ EGR 490(2)____</p>	<p style="text-align: center;"><u>Mechanical Option</u></p> <p>PHY 430____ EGR 305____ EGR 345____ AGM 325 OR HRT 325____</p> <p style="text-align: center;">- OR -</p> <p style="text-align: center;"><u>Electrical Option</u></p> <p>EGR 314____ EGR 344____ EGR 370____ PHY441(4) OR PHY431____</p>
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<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements. SFA residency requirements: 42 hrs minimum with 36 of the 42 hrs being advanced.</p>				

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree

Minor Dept.: _____	TOTAL RECORDED HOURS ON TRANSCRIPT _____
Major Dept.: _____	TOTAL HOURS YET TO BE TAKEN _____
Student Agreement: _____	TOTAL HOURS EARNED FOR DEGREE _____
Approved-Dean/Associate Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

INFORMATION TECHNOLOGY

Stephen F. Austin State University
College of Sciences and Mathematics

Name: _____

Date: _____ **Catalog:** 2014-2015 **Void Date:** Aug 31, 2021 **ID#** _____

Requirements for the BACHELOR OF ARTS DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. 3 hours from: 131____, 133H____ (C or better is required)</p> <p>2. 3 hours from: COM 111, 170, 215</p> <p>MATHEMATICS:</p> <p>1. 3 hours from: MTH 220</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. 6 hours from: BIO 121,123,131,133, 225, 238;CHE 111,133,134; ENV 110; GOL 131, 132; PHY 101, 102,110, 131 or 241, 132 or 242; AST 105</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. 3 hours from: ENG 200 – 233H; HIS 151,152; PHI 153, 223</p> <p>CREATIVE ARTS:</p> <p>1. 3 hours from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY:</p> <p>1. 6 hours from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. 6 hours from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. 3 hours from: ANT 231; ECO 231,232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION:</p> <p>1. 3 hours from: ENG 132____ (C or better required)</p> <p>2. 3 hours from: BCM 247; ENG 273; FRE 131,132; GER 131,132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION</p> <p>1. _____</p> <p>2. _____</p> <p>MATHEMATICS:</p> <p>1. _____</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. _____</p> <p>CREATIVE ARTS:</p> <p>1. _____</p> <p>AMERICAN HISTORY</p> <p>1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. _____</p> <p>COMPONENT AREA OPTION:</p> <p>1. _____</p> <p>2. _____</p>
<p>FOUNDATION OF KNOWLEDGE: (14-15 hours)</p> <p>3 hours from MTH 133, 138, 139, 140(4), 143, 144, 233(4)</p> <p>2 hours from labs for above Core science courses</p> <p>3 hours from GBU 325 or BLW 335</p> <p>Req. Electives: Two additional courses (at least 6 semester hours) from College of Fine Arts and/or Liberal and Applied Arts _____</p>	<p>FOUNDATION OF KNOWLEDGE: (14-15 hours)</p> <p>MTH: _____</p> <p>2 hours from labs for above Core science courses: _____</p> <p>3 hours from GBU 325 or BLW 335: _____</p> <p>Req. Electives: Two additional courses (at least 6 semester hours) from College of Fine Arts and/or Liberal and Applied Arts: _____</p>
<p>MAJOR: INFORMATION TECHNOLOGY (34 Hours)</p> <p>CSC:</p> <p>101 or 121____; 12 HRS FROM: 340____, 350____, 351____, 353____, 355____</p> <p>102____</p> <p>201____ 3 HRS FROM 452____ or 455____</p> <p>211____</p> <p>411(1)____ 6 advanced hours _____</p> <p style="text-align: center;">(maximum of 3 may be used from 385 & 412)</p>	<p>MAJOR: INFORMATION TECHNOLOGY (34 Hours)</p>
<p>MINOR: _____</p>	<p>MINOR: _____</p>
<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ Hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements; Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (300-400 level) in residence at SFA.</p>

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____ **TOTAL RECORDED HOURS ON TRANSCRIPT** _____

Major Dept.: _____ **TOTAL HOURS YET TO BE TAKEN** _____

Student Agreement: _____ **TOTAL HOURS EARNED FOR DEGREE** _____

Approved—Dean of College: _____ **TOTAL HOURS REQUIRED FOR DEGREE** 120

MATHEMATICS

Stephen F Austin State University
College of Sciences and Mathematics

Name: _____

Date: 7/9/2014 Catalog: 2014-2015 Void Date: Aug 31, 2021 ID# _____
Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN																																	
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. 3 hrs from: ENG 131, 133H (C or better is required) 2. 3 hrs from: COM 111, 170, 215</p> <p>MATHEMATICS: 1. 3 hrs from: MTH 233</p> <p>LIFE AND PHYSICAL SCIENCES: 1. 6 hrs from: BIO 131, 133, 225, 238; CHE 133, 134; GOL 131, 132; PHY 110, 131, 132, 241, 242; AST 105</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hrs from: ENG 200-233H, HIS 151, 152; PHI 153, 223</p> <p>CREATIVE ARTS: 1. 3 hrs from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY: 1. 6 hrs from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. 6 hrs from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hrs from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION: 1. 3 hrs from: ENG 132 (C or better is required) 2. 3 hrs from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM</p> <p>COMMUNICATION: 1. _____ 2. _____</p> <p>MATHEMATICS: 1. _____</p> <p>LIFE AND PHYSICAL SCIENCES: 1. _____ 2. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____</p> <p>CREATIVE ARTS: 1. _____</p> <p>AMERICAN HISTORY: 1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. _____</p> <p>COMPONENT AREA OPTION: 1. _____ 2. _____</p>																																	
<p>COLLEGE/DEPARTMENT REQUIREMENTS 8 hrs from: BIO 131/L, 133/L, 225(3), 238/L; CHE 133/L, 134/L; GOL 131/L, 132/L; PHY 110/L, 131/L, 132/L, 241/L, 242/L; AST 105/L; (at least two sciences represented)</p> <p>CSC 102 ____; MTH 234/L(4) ____</p> <p>Labs: MTH 233L ____; 2 hrs from Life and Physical Science Labs</p>	<p>COLLEGE/DEPARTMENT REQUIREMENTS SCI: _____</p> <p>CSC/MTH: _____</p> <p>Labs: MTH 233L ____; Science Labs: (1)____, (1)____</p>																																	
<p>MATHEMATICS MAJOR</p> <table style="width: 100%; border: none;"> <tr> <td colspan="2">Required classes:</td> <td colspan="2">Electives:</td> </tr> <tr> <td>233(4) ____</td> <td>333(4) ____</td> <td>412 ____</td> <td>305 ____</td> </tr> <tr> <td>234(4) ____</td> <td>337 ____</td> <td>439 ____</td> <td>351 ____</td> </tr> <tr> <td>311 ____</td> <td>359 ____</td> <td>440 ____</td> <td>415 ____</td> </tr> <tr> <td>317 ____</td> <td>360 ____</td> <td>463(1) ____</td> <td></td> </tr> </table>	Required classes:		Electives:		233(4) ____	333(4) ____	412 ____	305 ____	234(4) ____	337 ____	439 ____	351 ____	311 ____	359 ____	440 ____	415 ____	317 ____	360 ____	463(1) ____		<p>MATHEMATICS MAJOR</p> <table style="width: 100%; border: none;"> <tr> <td>233(4) ____</td> <td>333(4) ____</td> <td>412 ____</td> <td rowspan="5" style="vertical-align: top; padding-left: 20px;">PLUS <u>3</u> HRS FROM: 305, 351, 415</td> </tr> <tr> <td>234(4) ____</td> <td>337 ____</td> <td>439 ____</td> </tr> <tr> <td>311 ____</td> <td>359 ____</td> <td>440 ____</td> </tr> <tr> <td>317 ____</td> <td>360 ____</td> <td>463(1) ____</td> </tr> </table>	233(4) ____	333(4) ____	412 ____	PLUS <u>3</u> HRS FROM: 305, 351, 415	234(4) ____	337 ____	439 ____	311 ____	359 ____	440 ____	317 ____	360 ____	463(1) ____
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Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (300-400 level) in residence at SFA.
A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____	TOTAL RECORDED HOURS ON TRANSCRIPT _____
Major Dept.: _____	TOTAL HOURS YET TO BE TAKEN _____
Student Agreement: _____	TOTAL HOURS EARNED FOR DEGREE _____
Approved-Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

MATHEMATICS~TEACHING

Stephen F Austin State University
College of Sciences and Mathematics

Name: _____

Date: 7/9/2014 Catalog: 2014-2015 Void Date: Aug 31, 2021 ID# _____
Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN																																				
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. 3 hrs from: ENG 131, 133H (C or better is required)</p> <p>2. 3 hrs from: COM 111, 170, 215</p> <p>MATHEMATICS: 1. 3 hrs from: MTH 233</p> <p>LIFE AND PHYSICAL SCIENCES: 1. 6 hrs from: BIO 131, 133, 225, 238; CHE 133, 134; GOL 131, 132; PHY 110, 131, 132, 241, 242; AST 105</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hrs from: ENG 200-233H, HIS 151, 152; PHI 153, 223</p> <p>CREATIVE ARTS: 1. 3 hrs from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY: 1. 6 hrs from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. 6 hrs from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hrs from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION: 1. 3 hrs from: ENG 132 (C or better is required)</p> <p>2. 3 hrs from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM</p> <p>COMMUNICATION: 1. _____ 2. _____</p> <p>MATHEMATICS: 1. _____</p> <p>LIFE AND PHYSICAL SCIENCES: 1. _____ 2. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____</p> <p>CREATIVE ARTS: 1. _____</p> <p>AMERICAN HISTORY: 1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. _____</p> <p>COMPONENT AREA OPTION: 1. _____ 2. _____</p>																																				
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<p>MINOR: <u>Secondary Education</u></p> <p>HMS 203 ____; SED 370 ____, 371 ____, 372 ____, 450 ____, 450L ____, 460 ____, 442(6) ____, 443 ____</p>	<p>MINOR: <u>Secondary Education</u></p> <p>HMS 203 ____; SED 370 ____, 371 ____, 372 ____, 450 ____, 450L ____, 460 ____, 442(6) ____, 443 ____</p>																																				
<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ Hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements</p>																																				

Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (300-400 level) in residence at SFA. A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____	TOTAL RECORDED HOURS ON TRANSCRIPT _____
Major Dept.: _____	TOTAL HOURS YET TO BE TAKEN _____
Student Agreement: _____	TOTAL HOURS EARNED FOR DEGREE _____
Approved-Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

NURSING

STEPHEN F. AUSTIN STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS Name: _____

Date: 6/17/2014 Catalog: 2014-2015 Void Date: Aug 31, 2021 ID# _____
 Requirements for the BACHELOR OF SCIENCE DEGREE IN NURSING

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
CORE CURRICULUM (42 hours)	CORE CURRICULUM (42 hours)
COMMUNICATION: 1. 3 hours from: ENG 131____, 133H____ (C or better is required) 2. 3 hours from COM 111, 170 MATHEMATICS: 1. 3 hours from: MTH 220 LIFE AND PHYSICAL SCIENCES: 1. 6 hours from: BIO 238(3) & CHE 111(3) or 133(3) LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hours from: ENG 200, 209, 211, 212, 221, 222, 229, 230, 233H; HIS 151, 152, PHI 153, 223 CREATIVE ARTS: 1. 3 hours from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163 AMERICAN HISTORY: 1. 6 hours from: HIS 133, 134 GOVERNMENT/POLITICAL SCIENCE: 1. 6 hours from: PSC 141, 142 SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hours from: PSY 133 COMPONENT AREA OPTION (6HRS) 1. 3 hours from: ENG 132____ (C or better is required) 2. 3 hours from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272	COMMUNICATION: 1. _____ 2. _____ MATHEMATICS: 1. _____ LIFE AND PHYSICAL SCIENCES: 1. _____ LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____ CREATIVE ARTS: 1. _____ AMERICAN HISTORY: 1. _____ GOVERNMENT/POLITICAL SCIENCE: 1. _____ SOCIAL AND BEHAVIORAL SCIENCE: 1. _____ COMPONENT AREA OPTION: 1. _____ 2. _____
FOUNDATION OF KNOWLEDGE HMS: 1. 3 hours 239, 339, 355 (or enbloc Nutrition) SCI: 1. CHE 111L(1) 2. BIO 238L(1) 3. BIO 239 (4) 4. BIO 308(4) or 309(4) SOC 1. 3 hours from HMS 236(4), HMS 336, or PSY 376 SCI: 2. 3 hours from SOC 139 or ANT 231 CSC: 1. 3 hours from CSC 101, 121	FOUNDATION OF KNOWLEDGE: HMS: 1. _____ SCI: 1. _____ 2. _____ 3. _____ 4. _____ SOC 1. _____ SCI: 2. _____ CSC: 1. _____
PRE-NURSING 304(3)____ } Prerequisite to Nursing Program	PRE-NURSING 304(3)____ } Prerequisite to Nursing Program
NURSING MAJOR (GENERIC) (53HRS) 305(2)____ 406(6)____ 430(3)____ 306(6)____ 407(4)____ 431(3)____ 307(2)____ 408(2)____ 432(4)____ 308(3)____ 433(2)____ 330(6)____ 331(4)____ Nursing Electives(4)____ 332(2)____	NURSING MAJOR (GENERIC) (53HRS) 305(2)____ 406(6)____ 430(3)____ 306(6)____ 407(4)____ 431(3)____ 307(2)____ 408(2)____ 432(4)____ 308(3)____ 433(2)____ 330(6)____ 331(4)____ Nursing Electives(4)____ 332(2)____
ELECTIVES:	ELECTIVES: _____ hrs of electives of which _____ hours are advanced (300-499) to meet residence requirements. SFA residency requirements: 42HRS minimum with 36 advanced.

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree

Minor Dept.: _____	TOTAL RECORDED HOURS ON TRANSCRIPT _____
Major Dept.: _____	TOTAL HOURS YET TO BE TAKEN _____
Student Agreement: _____	TOTAL HOURS EARNED FOR DEGREE _____
Approved—Dean/Associate Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

NURSING-TRANSITION

STEPHEN F. AUSTIN STATE UNIVERSITY

COLLEGE OF SCIENCES AND MATHEMATICS Name: _____

Date: _____ **Catalog: 2014-2015 Void Date: Aug 31, 2021 ID#** _____

Requirements for the BACHELOR OF SCIENCE DEGREE IN NURSING

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
CORE CURRICULUM (42 hours)	CORE CURRICULUM (42 hours)
<p>COMMUNICATION:</p> <p>1. 3 hours from: ENG 131____, 133H____ (C or better is required)</p> <p>2. 3 hours from COM 111, 170</p> <p>MATHEMATICS:</p> <p>1. 3 hours from: MTH 220</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. 6 hours from: BIO 238(3) & CHE 111(3) or 133(3)</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. 3 hours from: ENG 200, 209, 211, 212, 221, 222, 229, 230, 233H; HIS 151, 152, PHI 153, 223</p> <p>CREATIVE ARTS:</p> <p>1. 3 hours from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY:</p> <p>1. 6 hours from: HIS 133,134</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. 6 hours from: PSC 141,142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. 3 hours from: PSY 133</p> <p>COMPONENT AREA OPTION (6HRS)</p> <p>1. 3 hours from: ENG 132____ (C or better is required)</p> <p>2. 3 hours from: BCM 247; ENG 273; FRE 131,132; GER 131,132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>COMMUNICATION:</p> <p>1. _____</p> <p>2. _____</p> <p>MATHEMATICS:</p> <p>1. _____</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. _____</p> <p>CREATIVE ARTS:</p> <p>1. _____</p> <p>AMERICAN HISTORY:</p> <p>1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCE:</p> <p>1. _____</p> <p>COMPONENT AREA OPTION:</p> <p>1. _____</p> <p>2. _____</p>
<p>FOUNDATION OF KNOWLEDGE</p> <p>HMS: 1. 3 hours 239, 339,355 (or enbloc Nutrition)</p> <p>SCI: 1. CHE 111L(1) 2. BIO 238L(1) 3. BIO 239 (4) 4. BIO 308(4) or 309(4)</p> <p>SOC 1. 3 hours from HMS 236(4), HMS 336, or PSY 376</p> <p>SCI: 2. 3 hours from SOC 139 or ANT 231</p> <p>CSC: 1. 3 hours from CSC 101,121</p>	<p>FOUNDATION OF KNOWLEDGE:</p> <p>HMS: 1. _____</p> <p>SCI: 1. _____ 2. _____ 3. _____ 4. _____</p> <p>SOC 1. _____</p> <p>SCI: 2. _____</p> <p>CSC: 1. _____</p>
NUR Pre Requisites (6HRS): NUR 304 or 438____ and 308 or 436____	NUR Pre Requisites (6HRS): NUR 304 or 438____ and 308 or 436____
<p>NURSING MAJOR (RN TRANSITION) 30 HRS PLUS 32AP</p> <p>434(6)____ 435(6)____ 437(2)____ 439(3)____ 440(3)____ 441(4)____</p> <p>Plus 6 hours of Prescribed NUR electives</p>	<p>NURSING MAJOR (RN TRANSITION)</p> <p style="text-align: right;">305(2) AP (32 hrs)</p> <p>434(6)____ 306(6) AP 435(6)____ 330(6) AP 437(2)____ 331(4) AP 439(3)____ 332(2) AP 440(3)____ 406(6) AP 441(4)____ 407(4) AP 408(2) AP</p> <p>Plus 6 hours of Prescribed NUR electives</p>
ELECTIVES:	<p>ELECTIVES: _____ hrs of electives of which _____ hours are advanced (300-499) to meet residence requirements. SFA residency requirements: 42HRS minimum with 36 advanced.</p>

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree

Minor Dept.: _____
 Major Dept.: _____
 Student Agreement: _____
 Approved-Dean/Associate Dean of College: _____

TOTAL RECORDED HOURS ON TRANSCRIPT _____
 TOTAL HOURS YET TO BE TAKEN _____
 TOTAL HOURS EARNED FOR DEGREE _____
 TOTAL HOURS REQUIRED FOR DEGREE 120

PHYSICS

**STEPHEN F. AUSTIN STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS**

Name: _____

Date: _____ Catalog: 2014-2015 Void Date: August 31, 2021 CID#: _____

Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. 3 hrs from: ENG 131, 133H (C or better is required) 2. 3 hrs from: COM 111, 170, 215</p> <p>MATHEMATICS: 1. 3 hrs from: MTH 233</p> <p>LIFE AND PHYSICAL SCIENCES: 1. 6 hrs from: CHE 133, 134</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hrs from: ENG 200-233H, HIS 151, 152; PHI 153, 223</p> <p>CREATIVE ARTS: 1. 3 hrs from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY: 1. 6 hrs from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. 6 hrs from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hrs from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION: 1. 3 hrs from: ENG 132 (C or better is required) 2. 3 hrs from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. _____ 2. _____</p> <p>MATHEMATICS: 1. _____</p> <p>LIFE AND PHYSICAL SCIENCES: 1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____</p> <p>CREATIVE ARTS: 1. _____</p> <p>AMERICAN HISTORY: 1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. _____</p> <p>COMPONENT AREA OPTION: 1. _____ 2. _____</p>
<p>COLLEGE/DEPARTMENT REQUIREMENTS MTH 234(4)____ CSC 102____ Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>	<p>COLLEGE/DEPARTMENT REQUIREMENTS MTH: _____ CSC: _____ Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>
<p>PHYSICS MAJOR 131(4)____ OR 241(4)____ 132(4)____ OR 242(4)____ 250(4)____ 321(4)____ 333(4)____ 347____ 440____ 470(2)____</p>	<p>PHYSICS MAJOR 131(4)____ OR 241(4)____ PLUS _____ HOURS ADVANCED 132(4)____ OR 242(4)____ AST OR PHY (EXCLUDING PHY 410) 250(4)____ (3 HOURS MUST BE FROM: 321(4)____ PHY 430, 431, 441) 333(4)____ 347____ PLUS _____ HOURS FROM: PHY 110, 440____ 262, 343, 430, 431, 441, AST 105, 305, 335 470(2)____</p>
<p>I MINOR: _____</p>	<p>I MINOR: _____</p>
<p>ELECTIVES:</p>	<p>ELECTIVES: _____ hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements. SFA residency requirements: 42 hrs minimum with 36 of the 42 hrs being advanced.</p>

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree

Minor Dept.: _____	TOTAL RECORDED HOURS ON TRANSCRIPT _____
Major Dept.: _____	TOTAL HOURS YET TO BE TAKEN _____
Student Agreement: _____	TOTAL HOURS EARNED FOR DEGREE _____
Approved—Dean/Associate Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

PHYSICS – ENGINEERING DUAL DEGREE

STEPHEN F. AUSTIN STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

Name: _____

Date: _____ Catalog: 2014-2015 Void Date: August 31, 2021 CID#: _____

Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. 3 hrs from: ENG 131, 133H (C or better is required) 2. 3 hrs from: COM 111, 170, 215</p> <p>MATHEMATICS: 1. 3 hrs from: MTH 233</p> <p>LIFE AND PHYSICAL SCIENCES: 1. 6 hrs from: CHE 133, 134</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hrs from: ENG 200-233H, HIS 151, 152; PHI 153, 223</p> <p>CREATIVE ARTS: 1. 3 hrs from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY: 1. 6 hrs from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. 6 hrs from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hrs from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION: 1. 3 hrs from: ENG 132 (C or better is required) 2. 3 hrs from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. _____ 2. _____</p> <p>MATHEMATICS: 1. _____</p> <p>LIFE AND PHYSICAL SCIENCES: 1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____</p> <p>CREATIVE ARTS: 1. _____</p> <p>AMERICAN HISTORY: 1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. _____</p> <p>COMPONENT AREA OPTION: 1. _____ 2. _____</p>
<p>COLLEGE/DEPARTMENT REQUIREMENTS MTH 234(4)____ CSC 102____ Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>	<p>COLLEGE/DEPARTMENT REQUIREMENTS MTH: _____ CSC: _____ Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>
<p>PHYSICS MAJOR 131(4)____ OR 241(4)____ 132(4)____ OR 242(4)____ 250(4)____ 321(4)____ 333(4)____ 347____ 440____ 470(2)____</p>	<p>PHYSICS MAJOR 131(4)____ OR 241(4)____ PLUS _____ HOURS FROM: PHY 110, 132(4)____ OR 242(4)____ 262, 343, 430, 431, 441, AST 105, 305, 335 250(4)____ 321(4)____ 333(4)____ PLUS 6 HOURS OF ADVANCED 347____ ENGINEERING ON TRANSFER 440____ 470(2)____</p>
<p>I MINOR: _____</p>	<p>I MINOR: _____</p>
<p>ELECTIVES:</p>	<p>ELECTIVES: _____ hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements. SFA residency requirements: 42 hrs minimum with 36 of the 42 hrs being advanced.</p>

A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree

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Approved—Dean/Associate Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>

PHYSICS~TEACHING

STEPHEN F. AUSTIN STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

Name: _____

Date: _____ Catalog: 2014-2015 Void Date: August 31, 2021 CID#: _____

Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. 3 hrs from: ENG 131, 133H (C or better is required) 2. 3 hrs from: COM 111, 170, 215</p> <p>MATHEMATICS: 1. 3 hrs from: MTH 233</p> <p>LIFE AND PHYSICAL SCIENCES: 1. 6 hrs from: CHE 133, 134</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hrs from: ENG 200-233H, HIS 151, 152; PHI 153, 223</p> <p>CREATIVE ARTS: 1. 3 hrs from: ART 280, 281, 282; DAN 140; MHL 245; MUS 140; THR 161, 163</p> <p>AMERICAN HISTORY: 1. 6 hrs from: HIS 133, 134</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. 6 hrs from: PSC 141, 142</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hrs from: ANT 231; ECO 231, 232; GEO 131; PSY 133; SOC 137</p> <p>COMPONENT AREA OPTION: 1. 3 hrs from: ENG 132 (C or better is required) 2. 3 hrs from: BCM 247; ENG 273; FRE 131, 132; GER 131, 132; POR 131, 132; SPA 131, 132; SPH 172, 272</p>	<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION: 1. _____ 2. _____</p> <p>MATHEMATICS: 1. _____</p> <p>LIFE AND PHYSICAL SCIENCES: 1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE: 1. _____</p> <p>CREATIVE ARTS: 1. _____</p> <p>AMERICAN HISTORY: 1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE: 1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCES: 1. _____</p> <p>COMPONENT AREA OPTION: 1. _____ 2. _____</p>
<p>COLLEGE/DEPARTMENT REQUIREMENTS MTH 234(4)____ CSC 102____ Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>	<p>COLLEGE/DEPARTMENT REQUIREMENTS MTH: _____ CSC: _____ Labs: MTH 233(1)____, CHE 133(1)____, CHE 134(1)____</p>
<p>PHYSICS MAJOR 131(4)____ OR 241(4)____ 132(4)____ OR 242(4)____ 250(4)____ 321(4)____ 333(4)____ 347____ 440____ 470(2)____</p>	<p>PHYSICS MAJOR 131(4)____ OR 241(4)____ PLUS _____ HOURS ADVANCED 132(4)____ OR 242(4)____ AST OR PHY (EXCLUDING PHY 410) 250(4)____ (3 HOURS MUST BE FROM: 321(4)____ PHY 430, 431, 441) 333(4)____ 347____ PLUS _____ HOURS FROM: PHY 110, 440____ 262, 343, 430, 431, 441, AST 105, 305, 335 470(2)____</p>
<p>MINOR: <u>Secondary Education</u> HMS 203____; SED 370____, 371____, 372____, 450____, 450L____, 460____, 442(6)____, 443____</p>	<p>MINOR: <u>Secondary Education</u> HMS 203____; SED 370____, 371____, 372____, 450____, 450L____, 460____, 442(6)____, 443____</p>
<p>ELECTIVES:</p>	<p>ELECTIVES: _____ hours of electives of which _____ hours are advanced (300-499 level) to fulfill residence requirements. SFA residency requirements: 42 hrs minimum with 36 of the 42 hrs being advanced.</p>

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