



# ASSOCIATE IN SCIENCE IN PHYSICS FOR TRANSFER

Curriculum Guide for Academic Year 2020-2021

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Resources available for transfer students:  
 Academic Counselors at LAC 562-938-4561 or at PCC 562-938-3920  
 Transfer Center at LAC 562-938-4670 or at PCC 562-938-3920  
 ASSIST web site at [www.assist.org](http://www.assist.org).

### Program of study leading to: Associate in Science (AS-T) Degree

<b>REQUIRED CORE:</b>		<b>C-ID Description</b>	<b>CSU GE Area</b>	<b>IGETC Area</b>	<b>Units</b>	<b>In Progress</b>	<b>Completed Grade</b>
MATH 60/60H	First Calculus Course/Honors	MATH 210	B4	2	5		
MATH 70/70H	Second Calculus Course/Honors	MATH 220	B4	2	5		
MATH 80	Third Calculus Course	MATH 230	B4	2	5		
PHYS 3A	Physics for Sci. & Eng - Mechanics	PHYS 205	B1,B3	5A,5C	5.5		
PHYS 3B	Physics for Sci. & Eng E & M	PHYS 210	B1,B3	5A,5C	4.5		
PHYS 3C	Phys for Sci. & Eng Modern Phys	PHYS 215	B1,B3	5A,5C	4.5		
<b>TOTAL UNITS</b>					<b>29.5</b>		

***IN ADDITION to the above major courses, students are also required to obtain general education certification and meet other degree requirements as specified on the next page.***

#### General Education Certification Requirements

Completion of EITHER the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern IS REQUIRED. For general education patterns, visit the following web site: <http://osca.lbcc.edu/genedplan.cfm>, or the LBCC catalog. After completion of the General Education Pattern **students must request GE certification**. Consult with a counselor for more information about the GE Certification process.

#### General Education Certification Requirements

#### Other Degree Requirements

- Minimum Unit Requirements:** Complete a minimum of 60 transferable units. Please note that additional units may be required to meet this minimum based upon courses selected to fulfill CSU-GE Breadth Pattern or the IGETC Pattern.

#### Following the IGETC Pattern:

	Units
Physics Major	29.5**
IGETC Pattern	37
<b>Minimum Required</b>	<b>60</b>

- \*\*Double-Counting of Units:** SB 1440 Regulations allow for double-counting of major requirements towards the IGETC pattern.

