

# DEVELOPMENT AND SUSTAINABILITY IN AFRICA, CERTIFICATE

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Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

## Program Requirements

To earn an undergraduate certificate in Development and Sustainability in Africa, a minimum of 12 credits is required.

Code	Title	Credits
<b>Required Courses</b>		
AFR 105	African Biodiversity and Conservation	3
AFR 205	Development and Sustainability in Africa	3
Select 6 credits from the following (relevant African Studies course, or focal topic course taught by an affiliated faculty member):		6
AFR 440	Globalization and Its Implications	
AFR 444	Resource Governance in Africa	
AFR 464	Extractive Industries in Africa	
AFR/RPTM 497	Special Topics	
GEOG 230	Geographic Perspectives on Environment, Society and Sustainability	
GEOG 430	Human Use of Environment	
FOR 418	Agroforestry: Science, Design, and Practice	
FOR 488Y	Global Forest Conservation	
Upper-level independent study with approved faculty		

### Non-Course Requirements:

Per University policy, all credit courses for a certificate require a grade of 'C' or higher, and at least two-thirds (2/3) of the credits used to complete a certificate must be earned at Penn State.