

## SCROLLS Y CAROUSELS

- **ScrollView** convierte la vista en scrolleable. Un VStack o Hstack no son scrolleables.
- **Carrusel** es un ScrollView horizontal. -> ScrollView(.horizontal)  
Si no queremos que se vea el indicador del scroll, tanto horizontal como vertical en swiftUI es muy sencillo, solo hay que añadir el parámetro a la scrollView llamado showsIndicators, éste es booleano y por defecto está en true y muestra los indicadores. Si lo ponemos en false deja de hacerlo.  
Ejemplo = .scrollView(.horizontal, showsView:false)

```
import SwiftUI
```

```
struct CardView: View {
```

```
    var imageName: String
    var courseTitle: String
    var authorName: String
    var originalPrice: String
    var discountPrice: String
```

```
    var body: some View {
```

```
        VStack{
```

```
            Image(imageName)
```

```
            //Lo que está comentado es lo que había hecho yo de entrada pero que no estaba muy correcto.
```

```
            //.frame(maxWidth: 350, maxHeight: 250, alignment: .center)
```

```
            //.clipped()
```

```
            .resizable()
```

```
            .aspectRatio( contentMode: .fit)
```

```
            .cornerRadius(10)
```

```
            .overlay(RoundedRectangle(cornerRadius: 10).stroke(Color(red: 130/255, green: 130/255, blue: 130/255, opacity: 0.3),
```

```
            lineWidth: 3))
```

```
            .padding(7)
```

```
            HStack {
```

```
                VStack(alignment: .leading) {
```

```
                    Text(courseTitle.uppercased())
```

```
                    .font(.system(.headline, design: .rounded))
```

```
                    .fontWeight(.black)
```

```
                    .foregroundColor(.primary)
```

```
                    .lineLimit(2)
```

```
                Text(authorName)
```

```
                    .font(.system(.body, design: .rounded))
```

```
                    .fontWeight(.regular)
```

```
                    .foregroundColor(.secondary)
```

```
                HStack{
```

```
                    Text(discountPrice)
```

```
                        .font(.system(.subheadline, design: .rounded))
```

```
                        .fontWeight(.regular)
```

```
                    Text(originalPrice)
```

```
                        .font(.system(.caption, design: .rounded))
```

```
                        .fontWeight(.regular)
```

```
                        .strikethrough(color: .red)
```

```
                }
```

```
            }
```

```
            Spacer()
```

```
        }.padding(7)
```

```
    }
```

```
}
```

```
}
```

```
struct CardView_Previews: PreviewProvider {
```

```
    static var previews: some View {
```

```
        CardView(imageName: "Machine Learning", courseTitle: "Curso completo de Machine Learning: Data Science en Python",
```

```
        authorName: "Juan Gabriel Gomila", originalPrice: "199,99 €", discountPrice: "10,99 €")
```

```
    }
```

```
}
```

---

```
import SwiftUI
```

```
struct ContentView: View {  
    var body: some View {
```

```
        VStack{  
            VStack{  
                Image("UdemyLogo")  
                    .resizable()  
                    .aspectRatio(contentMode: .fit)  
                    .frame(height: 50)  
                    //.padding(.horizontal)  
  
                Text("Instructor".uppercased())  
                    .font(.system(.footnote, design: .rounded))  
                Text("Juan Gabriel Gomila")  
                    .font(.system(.title, design: .rounded))  
                    .fontWeight(.bold)  
                    .foregroundColor(.primary)  
                Text("Profesor Universitario, UCI, Data Scientist & Game Designer")  
                    .font(.system(.caption, design: .rounded))  
                    .fontWeight(.bold)  
                    .foregroundColor(.secondary)  
                Text("139.245 estudiantes en total - 59 cursos - 23.535 reseñas")  
                    .font(.system(.caption, design: .rounded))  
                    .foregroundColor(.secondary)  
            }.padding(.bottom)  
        }
```

```
        //.padding(7)
```

```
        ScrollView{  
            VStack{  
                Text("Cursos de Blockchain")  
                    .font(.system(.title3, design: .rounded))  
                    .fontWeight(.bold)  
                    .frame(maxWidth: 370, alignment: .leading)  
            }  
        }
```

```
        ScrollView(.horizontal){
```

```
            HStack{  
                CardView(imageName: "Machine Learning", courseTitle: "Curso completo de Machine Learning: Data Science en Python",  
authorName: "Juan Gabriel Gomila", originalPrice: "199,99 €", discountPrice: "10,99 €")  
                    .frame(width:300)  
  
                CardView(imageName: "Solidity", courseTitle: "Smart Contracts y Blockchain con Solidity de la A a la Z", authorName: "Juan Gabriel  
Gomila", originalPrice: "94,99 €", discountPrice: "9,99 €")  
                    .frame(width:300)  
  
                CardView(imageName: "Blockchain", courseTitle: "Curso completo de Blockchain de cero a experto", authorName: "Juan Gabriel  
Gomila", originalPrice: "189,99 €", discountPrice: "11,99 €")  
                    .frame(width:300)  
  
                CardView(imageName: "Dapps", courseTitle: "Crea DApps con Tokens NFT en Ethereum usando Truffle y React", authorName:  
"Juan Gabriel Gomila", originalPrice: "159,99 €", discountPrice: "9,99 €")  
                    .frame(width:300)  
            }  
        }
```

```
        VStack{  
            Text("Cursos de Programación")
```

```

        .font(.system(.title3, design: .rounded))
        .fontWeight(.bold)
        .frame(maxWidth: 370, alignment: .leading)
    }

    ScrollView(.horizontal){

        HStack{
            CardView(imageName: "Machine Learning", courseTitle: "Curso completo de Machine Learning: Data Science en Python",
authorName: "Juan Gabriel Gomila", originalPrice: "199,99 €", discountPrice: "10,99 €")
                .frame(width:300)

            CardView(imageName: "Solidity", courseTitle: "Smart Contracts y Blockchain con Solidity de la A a la Z", authorName: "Juan
Gabriel Gomila", originalPrice: "94,99 €", discountPrice: "9,99 €")
                .frame(width:300)

            CardView(imageName: "Blockchain", courseTitle: "Curso completo de Blockchain de cero a experto", authorName: "Juan Gabriel
Gomila", originalPrice: "189,99 €", discountPrice: "11,99 €")
                .frame(width:300)

            CardView(imageName: "Dapps", courseTitle: "Crea DApps con Tokens NFT en Ethereum usando Truffle y React", authorName:
"Juan Gabriel Gomila", originalPrice: "159,99 €", discountPrice: "9,99 €")
                .frame(width:300)

        }
    }

    VStack{
        Text("Cursos de Big Data")
        .font(.system(.title3, design: .rounded))
        .fontWeight(.bold)
        .frame(maxWidth: 370, alignment: .leading)
    }

    ScrollView(.horizontal){

        HStack{
            CardView(imageName: "Machine Learning", courseTitle: "Curso completo de Machine Learning: Data Science en Python",
authorName: "Juan Gabriel Gomila", originalPrice: "199,99 €", discountPrice: "10,99 €")
                .frame(width:300)

            CardView(imageName: "Solidity", courseTitle: "Smart Contracts y Blockchain con Solidity de la A a la Z", authorName: "Juan
Gabriel Gomila", originalPrice: "94,99 €", discountPrice: "9,99 €")
                .frame(width:300)

            CardView(imageName: "Blockchain", courseTitle: "Curso completo de Blockchain de cero a experto", authorName: "Juan Gabriel
Gomila", originalPrice: "189,99 €", discountPrice: "11,99 €")
                .frame(width:300)

            CardView(imageName: "Dapps", courseTitle: "Crea DApps con Tokens NFT en Ethereum usando Truffle y React", authorName:
"Juan Gabriel Gomila", originalPrice: "159,99 €", discountPrice: "9,99 €")
                .frame(width:300)

        }
    }
    }
    Spacer()
}
}
}

struct ContentView_Previews: PreviewProvider {
    static var previews: some View {
        ContentView()
    }
}

```