

**SCHOOL OF THE ARTS**

**MA Advanced Architecture   
Registration**

**2025-26**

* You can only register for modules which are part of your programme and it is your responsibility to check that you have fulfilled any pre-requisite requirements.
* Module specifications can be found on the Architecture webpage [View your programme details View your programme details- School of Architecture - University of Liverpool](https://www.liverpool.ac.uk/architecture/welcome/view-your-programme-details/)
* If you have any queries, or problems with registration, please contact the SOTA Student Support Centre, 19 Abercromby Square ([sscarts@liverpool.ac.uk](mailto:sscarts@liverpool.ac.uk)).
* There are five pathways on the MA Advanced Architecture:

Computational Design & Artificial Intelligence

Design & Digital Heritage

Biodigital Design

BIM-Enhanced Design

General

Scroll down to see details of each pathway. If you wish to be able to graduate with a named specific pathway, then you must ensure you select your modules according to the requirements of that pathway.

| **Structure** | | | | | |
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| **Year 1** | | | | | |
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| **Year 1 Semester 1 (BIM-Enhanced Design)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH708, ARCH711 and ARCH777 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH708, ARCH735 and ARCH711 (60 credits). •Students on the Biodigital Design pathway must take ARCH716, ARCH717 and ARCH711 (60 credits). •Students on the BIM-Enhanced Design pathway must take ARCH711 (30 credits), plus either ARCH724 (30 credits) or ARCH708 (15 credits) and ARCH777 (15 credits) to make 60 credits total. •Students on the General pathway must take either ARCH712 or ARCH777, plus 45 additional credits of optional modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH708 | VIRTUAL ENVIRONMENTS FOR ARCHITECTURE 2025-26 | 15 | Level 7 | Optional | BIM-Enhanced Design |
| ARCH711 | Advanced Design 1 2025-26 | 30 | Level 7 | Required | BIM-Enhanced Design |
| ARCH724 | BIM Theory, Practice and Tools 2025-26 | 30 | Level 7 | Optional | BIM-Enhanced Design |
| ARCH777 | Computational Design Theory and Practice 2025-26 | 15 | Level 7 | Optional | BIM-Enhanced Design |
| **Year 1 Semester 2 (BIM-Enhanced Design)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH707, ARCH713 and ARCH730 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH707, ARCH739 and ARCH713 (60 credits). •Students on the Biodigital Design pathway must take ARCH707 (15 credits) and ARCH719 (15 credits) plus either ARCH734 (30 credits) or ARCH713 (30 credits) to give 60 credits in total. •Students on the BIM-Enhanced Design pathway must take ARCH707 (15 credits) and ARCH713 (30 credits), plus either ARCH725 (15 credits) or ARCH730 (15 credits). •Students on the general pathway must take ARCH707 and 45 additional credits of modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH707 | Research Methodology 2025-26 | 15 | Level 7 | Required | BIM-Enhanced Design |
| ARCH713 | Advanced Design 2 2025-26 | 30 | Level 7 | Required | BIM-Enhanced Design |
| ARCH725 | BIM Implementation in Collaborative Environments 2025-26 | 15 | Level 7 | Optional | BIM-Enhanced Design |
| ARCH730 | Parametric Design and Digital Fabrication 2025-26 | 15 | Level 7 | Optional | BIM-Enhanced Design |
| **Year 1 Summer (BIM-Enhanced Design)** | | | | | |
| Students on any of the named pathways must take ARCH722. Students on the general pathway may take ARCH721 or ARCH722. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH722 | Thesis: Research by Design 2025-26 | 60 | Level 7 | Required | BIM-Enhanced Design |
| **Year 1 Semester 1 (Biodigital Design)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH708, ARCH711 and ARCH777 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH708, ARCH735 and ARCH711 (60 credits). •Students on the Biodigital Design pathway must take ARCH716, ARCH717 and ARCH711 (60 credits). •Students on the BIM-Enhanced Design pathway must take ARCH711 (30 credits), plus either ARCH724 (30 credits) or ARCH708 (15 credits) and ARCH777 (15 credits) to make 60 credits total. •Students on the General pathway must take either ARCH712 or ARCH777, plus 45 additional credits of optional modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH711 | Advanced Design 1 2025-26 | 30 | Level 7 | Required | Biodigital Design |
| ARCH716 | Climatic Design for Sustainable Architecture 2025-26 | 15 | Level 7 | Required | Biodigital Design |
| ARCH717 | Environmental Assessment Techniques 2025-26 | 15 | Level 7 | Required | Biodigital Design |
| **Year 1 Semester 2 (Biodigital Design)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH707, ARCH713 and ARCH730 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH707, ARCH739 and ARCH713 (60 credits). •Students on the Biodigital Design pathway must take ARCH707 (15 credits) and ARCH719 (15 credits) plus either ARCH734 (30 credits) or ARCH713 (30 credits) to give 60 credits in total. •Students on the BIM-Enhanced Design pathway must take ARCH707 (15 credits) and ARCH713 (30 credits), plus either ARCH725 (15 credits) or ARCH730 (15 credits). •Students on the general pathway must take ARCH707 and 45 additional credits of modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH707 | Research Methodology 2025-26 | 15 | Level 7 | Required | Biodigital Design |
| ARCH713 | Advanced Design 2 2025-26 | 30 | Level 7 | Optional | Biodigital Design |
| ARCH719 | DESIGNING FOR A CHANGING CLIMATE 2025-26 | 15 | Level 7 | Required | Biodigital Design |
| ARCH734 | SUSTAINABLE ENVIRONMENTAL DESIGN 2025-26 | 30 | Level 7 | Optional | Biodigital Design |
| **Year 1 Summer (Biodigital Design)** | | | | | |
| Students on any of the named pathways must take ARCH722. Students on the general pathway may take ARCH721 or ARCH722. | | | | | |
|  | | | | | |
| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH722 | Thesis: Research by Design 2025-26 | 60 | Level 7 | Required | Biodigital Design |
| **Year 1 Semester 1 (Computational Design & Artificial Intelligence)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH708, ARCH711 and ARCH777 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH708, ARCH735 and ARCH711 (60 credits). •Students on the Biodigital Design pathway must take ARCH716, ARCH717 and ARCH711 (60 credits). •Students on the BIM-Enhanced Design pathway must take ARCH711 (30 credits), plus either ARCH724 (30 credits) or ARCH708 (15 credits) and ARCH777 (15 credits) to make 60 credits total. •Students on the General pathway must take either ARCH712 or ARCH777, plus 45 additional credits of optional modules. | | | | | |
|  | | | | | |
| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH708 | VIRTUAL ENVIRONMENTS FOR ARCHITECTURE 2025-26 | 15 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| ARCH711 | Advanced Design 1 2025-26 | 30 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| ARCH777 | Computational Design Theory and Practice 2025-26 | 15 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| **Year 1 Semester 2 (Computational Design & Artificial Intelligence)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH707, ARCH713 and ARCH730 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH707, ARCH739 and ARCH713 (60 credits). •Students on the Biodigital Design pathway must take ARCH707 (15 credits) and ARCH719 (15 credits) plus either ARCH734 (30 credits) or ARCH713 (30 credits) to give 60 credits in total. •Students on the BIM-Enhanced Design pathway must take ARCH707 (15 credits) and ARCH713 (30 credits), plus either ARCH725 (15 credits) or ARCH730 (15 credits). •Students on the general pathway must take ARCH707 and 45 additional credits of modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH707 | Research Methodology 2025-26 | 15 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| ARCH713 | Advanced Design 2 2025-26 | 30 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| ARCH730 | Parametric Design and Digital Fabrication 2025-26 | 15 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| **Year 1 Summer (Computational Design & Artificial Intelligence)** | | | | | |
| Students on any of the named pathways must take ARCH722. Students on the general pathway may take ARCH721 or ARCH722. | | | | | |
|  | | | | | |
| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH722 | Thesis: Research by Design 2025-26 | 60 | Level 7 | Required | Computational Design & Artificial Intelligence (AI) |
| **Year 1 Semester 1 (Design & Digital Heritage)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH708, ARCH711 and ARCH777 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH708, ARCH735 and ARCH711 (60 credits). •Students on the Biodigital Design pathway must take ARCH716, ARCH717 and ARCH711 (60 credits). •Students on the BIM-Enhanced Design pathway must take ARCH711 (30 credits), plus either ARCH724 (30 credits) or ARCH708 (15 credits) and ARCH777 (15 credits) to make 60 credits total. •Students on the General pathway must take either ARCH712 or ARCH777, plus 45 additional credits of optional modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH708 | VIRTUAL ENVIRONMENTS FOR ARCHITECTURE 2025-26 | 15 | Level 7 | Required | Design & Digital Heritage |
| ARCH711 | Advanced Design 1 2025-26 | 30 | Level 7 | Required | Design & Digital Heritage |
| ARCH735 | Heritage Perspectives and Policies 2025-26 | 15 | Level 7 | Required | Design & Digital Heritage |
| **Year 1 Semester 2 (Design & Digital Heritage)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH707, ARCH713 and ARCH730 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH707, ARCH739 and ARCH713 (60 credits). •Students on the Biodigital Design pathway must take ARCH707 (15 credits) and ARCH719 (15 credits) plus either ARCH734 (30 credits) or ARCH713 (30 credits) to give 60 credits in total. •Students on the BIM-Enhanced Design pathway must take ARCH707 (15 credits) and ARCH713 (30 credits), plus either ARCH725 (15 credits) or ARCH730 (15 credits). •Students on the general pathway must take ARCH707 and 45 additional credits of modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH707 | Research Methodology 2025-26 | 15 | Level 7 | Required | Design & Digital Heritage |
| ARCH713 | Advanced Design 2 2025-26 | 30 | Level 7 | Required | Design & Digital Heritage |
| ARCH739 | Heritage Documentation, Digitisation and Presentation 2025-26 | 15 | Level 7 | Required | Design & Digital Heritage |
| **Year 1 Summer (Design & Digital Heritage)** | | | | | |
| Students on any of the named pathways must take ARCH722. Students on the general pathway may take ARCH721 or ARCH722. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH722 | Thesis: Research by Design 2025-26 | 60 | Level 7 | Required | Design & Digital Heritage |
| **Year 1 Semester 1 (General)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH708, ARCH711 and ARCH777 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH708, ARCH735 and ARCH711 (60 credits). •Students on the Biodigital Design pathway must take ARCH716, ARCH717 and ARCH711 (60 credits). •Students on the BIM-Enhanced Design pathway must take ARCH711 (30 credits), plus either ARCH724 (30 credits) or ARCH708 (15 credits) and ARCH777 (15 credits) to make 60 credits total. •Students on the General pathway must take either ARCH712 or ARCH777, plus 45 additional credits of optional modules. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH708 | VIRTUAL ENVIRONMENTS FOR ARCHITECTURE 2025-26 | 15 | Level 7 | Optional | General |
| ARCH711 | Advanced Design 1 2025-26 | 30 | Level 7 | Optional | General |
| ARCH712 | ARCHITECTURAL THEORIES FROM 1900 TO THE PRESENT 2025-26 | 15 | Level 7 | Optional | General |
| ARCH716 | Climatic Design for Sustainable Architecture 2025-26 | 15 | Level 7 | Optional | General |
| ARCH717 | Environmental Assessment Techniques 2025-26 | 15 | Level 7 | Optional | General |
| ARCH724 | BIM Theory, Practice and Tools 2025-26 | 30 | Level 7 | Optional | General |
| ARCH731 | URBAN DESIGN 2025-26 | 15 | Level 7 | Optional | General |
| ARCH735 | Heritage Perspectives and Policies 2025-26 | 15 | Level 7 | Optional | General |
| ARCH736 | Heritage Management: Approaches and Methods 2025-26 | 15 | Level 7 | Optional | General |
| ARCH747 | Net Zero Carbon Design 2025-26 | 15 | Level 7 | Optional | General |
| ARCH777 | Computational Design Theory and Practice 2025-26 | 15 | Level 7 | Optional | General |
| **Year 1 Semester 2 (General)** | | | | | |
| •Students on the Computational Design & Artificial Intelligence (AI) pathway must take ARCH707, ARCH713 and ARCH730 (60 credits). •Students on the Design & Digital Heritage pathway must take ARCH707, ARCH739 and ARCH713 (60 credits). •Students on the Biodigital Design pathway must take ARCH707 (15 credits) and ARCH719 (15 credits) plus either ARCH734 (30 credits) or ARCH713 (30 credits) to give 60 credits in total. •Students on the BIM-Enhanced Design pathway must take ARCH707 (15 credits) and ARCH713 (30 credits), plus either ARCH725 (15 credits) or ARCH730 (15 credits). •Students on the general pathway must take ARCH707 and 45 additional credits of modules. | | | | | |
|  | | | | | |
| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH707 | Research Methodology 2025-26 | 15 | Level 7 | Required | General |
| ARCH704 | Architectural Theory & Critique. "Outside-In": An Analytic Tool 2025-26 | 15 | Level 7 | Optional | General |
| ARCH713 | Advanced Design 2 2025-26 | 30 | Level 7 | Optional | General |
| ARCH719 | DESIGNING FOR A CHANGING CLIMATE 2025-26 | 15 | Level 7 | Optional | General |
| ARCH725 | BIM Implementation in Collaborative Environments 2025-26 | 15 | Level 7 | Optional | General |
| ARCH730 | Parametric Design and Digital Fabrication 2025-26 | 15 | Level 7 | Optional | General |
| ARCH734 | SUSTAINABLE ENVIRONMENTAL DESIGN 2025-26 | 30 | Level 7 | Optional | General |
| ARCH739 | Heritage Documentation, Digitisation and Presentation 2025-26 | 15 | Level 7 | Optional | General |
| ARCH743 | Digital Transformation and Construction 4.0 2025-26 | 15 | Level 7 | Optional | General |
| ARCH760 | Design for Daylight, Health and Wellbeing in Buildings 2025-26 | 15 | Level 7 | Optional | General |
| **Year 1 Summer (General)** | | | | | |
| Students on any of the named pathways must take ARCH722. Students on the general pathway may take ARCH721 or ARCH722. | | | | | |
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| **Code** | **Module** | **Credit** | **Level** | **Type** | **Pathway(s)** |
| ARCH721 | Thesis: Dissertation 2025-26 | 60 | Level 7 | Optional | General |
| ARCH722 | Thesis: Research by Design 2025-26 | 60 | Level 7 | Optional | General |